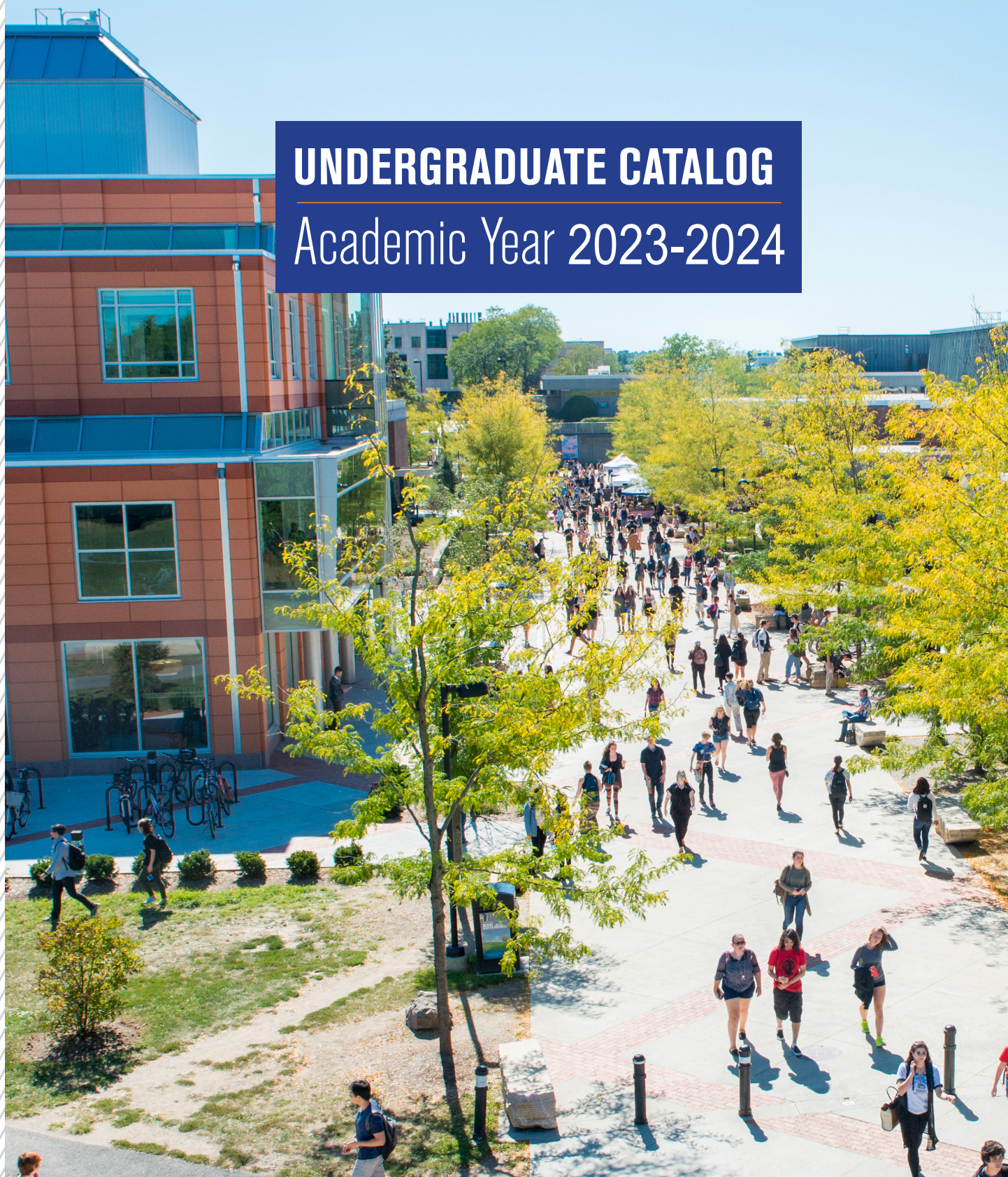




# UNDERGRADUATE CATALOG

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## Academic Year 2023-2024





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# UNDERGRADUATE CATALOG

## About the Undergraduate Catalog

The Undergraduate Catalog contains information about SUNY New Paltz, its mission and history, degree requirements, major and minor programs, course descriptions, academic policies, and other important details of interest to current and prospective students.

Though New Paltz does not print the Undergraduate Catalog, the complete document for the current academic year can be downloaded as a printable .pdf file. A summary of undergraduate majors, degree types, and program codes is also available for reference and to print. During the academic year, minor course revisions (course number or description changes, for example) may be entered in the *online catalog only*. Should there be discrepancies between the online and printable (.pdf) catalogs for the current academic year, the printable (.pdf) catalog serves as the official version, as noted in the Catalog Disclaimer below.

Since actual course offerings vary from semester to semester, please consult the [Schedule of Classes](#) to learn whether a particular course is offered in a given term.

For questions about the Undergraduate Catalog, please contact the Academic Program Specialist in the Office of the Provost/Vice President for Academic Affairs ([mcallisv@newpaltz.edu](mailto:mcallisv@newpaltz.edu) or 845-257-3379).

## Catalog Disclaimer

The State University of New York and the State University of New York at New Paltz reserve the right to alter the existing rules and regulations, academic programs and organizational structures within their respective jurisdictions. The student is expected to be governed by the information on programs, organizational structures, and rules and regulations published in the Catalog or subsequently altered therein. The Catalog is made available in online, interactive format and as a printable PDF. In the event that information in the online catalog differs from that in the printable catalog, the printable catalog shall prevail as the governing document for the current academic year.

Notwithstanding anything contained in this Catalog, the State University of New York at New Paltz expressly reserves the right, whenever it deems advisable, to

1. change or modify its schedule of tuition and fees,
2. withdraw, cancel, reschedule or modify any course, program of study, degree, or any requirement or policy in connection with the foregoing, and
3. change or modify any academic or other policy.

It is the responsibility of each student to ascertain current information that pertains to the individual's program, particularly with regard to satisfaction of degree requirements, through regular consultation with the student's advisor, the student's major department, the office of the student's Dean, and other offices as appropriate (such as Records & Registration, the Academic Advising Center, Student Financial Services, etc.). In preparing this Catalog, efforts are made to provide pertinent and accurate information; however, the State University of New York at New Paltz assumes no liability for Catalog errors or omissions. (Rev. 8/23/10)

## Campus Security Report

A copy of the State University of New York at New Paltz campus crime statistics as reported annually to the U.S. Department of Education

will be provided upon request by SUNY New Paltz University Police. Please direct all such requests to University Police at 845-257-3340 or 845-257-3802, or [download the report online](#). Information can also be obtained from the [U.S. Department of Education website](#).

## Notice to Persons Who Have Prior Felony Convictions

State University of New York (SUNY) policy prohibits SUNY New Paltz admission applications from inquiring into an applicant's prior criminal history. After acceptance, the College shall inquire if the student previously has been convicted of a felony if such individual seeks:

- On-campus housing,
- Participation in clinical or field experiences,
- Participation in internships,
- Participation in study abroad programs.

The information required to be disclosed under SUNY policy regarding such felony convictions shall be reviewed by a standing campus committee consistent with the legal standards articulated in New York State Corrections Law.

Students who have previously been convicted of a felony are advised that their prior criminal history may impede their ability to complete the requirements of certain academic programs and/or to meet the licensure requirements for certain professions. Specific SUNY New Paltz majors may pose challenges in obtaining field experiences, internships, or licensing for individuals with prior criminal convictions. These programs include, but are not limited to:

- Accounting
- Adolescence Education
- Communication Disorders
- Counseling
- Early Childhood and Childhood Education
- Early Childhood Studies
- Visual Arts Education
- Music Therapy
- Psychology

Individuals with prior criminal histories are advised to seek advice and guidance from the chair of the academic department regarding the impact of a criminal record on meeting the requirements of the major/professional licensure or certification prior to declaring the major.



# About New Paltz

## Mission

In the proud tradition of SUNY, the State University of New York at New Paltz is committed to providing high quality, affordable education to students from all social and economic backgrounds. We are a faculty and campus community dedicated to the construction of a vibrant intellectual/creative public forum which reflects and celebrates the diversity of our society and encourages and supports active participation in scholarly and artistic activity. SUNY New Paltz is an active contributor to the schools, community institutions and economic/cultural life of our region. We are selective in admitting students who show promise of thriving in a learning environment which is challenging, student-centered, and personalized. Our goal is for students to gain knowledge, skills, and confidence to contribute as productive members of their communities and professions and active citizens in a democratic nation and a global society.

We are the only residential public university in the mid-Hudson region. We offer undergraduate and graduate programs in the liberal arts and sciences which serve as a core for professional programs in the fine and performing arts, education, health care, business, and engineering. Our location in the scenic Hudson Valley midway between the State Capital of Albany and metropolitan New York City provides unique opportunities for enriching our academic programs. We are a diverse faculty of distinguished scholars and artists who collaborate across the disciplines and professional areas to inspire our students to a love of learning, a meaningful engagement with the life of the mind, and an involvement in public service.

## Campus-wide Goals

We strive to carry out the above philosophy across the campus through:

- Faculty engagement in innovative pedagogy across all disciplines;
- Faculty-student collaboration in research, performance, scholarship, exhibitions and presentations, internships and fieldwork, community service, and international studies and practice;
- Capstone activities through which students can demonstrate expertise in a specialized area;
- Support for risk-taking and innovation in research and scholarly/creative activity;
- Writing intensive courses and seminars;
- Educational and clinical centers that provide professional development and services to the region;
- Library and information technology resources which support the curriculum, independent study, research, and information literacy;
- Lectures, conferences, concerts, gallery shows, theatrical performances (as the largest cultural institution in the Hudson Valley), and other opportunities for life-long learning;
- Leadership opportunities for students in campus and community organizations and in governance;
- A well-rounded program in residence life to support student social, emotional, recreational, and academic needs.

## Institutional Learning Outcomes

The motto of the State University of New York is "To Learn. To Search. To Serve." An education at SUNY New Paltz develops knowledge. More than that, it helps our students recognize that life is complex and worthy of endless curiosity. Our students come away from their classrooms,

residence halls, and service activities with an understanding of how the thoughtful application of knowledge and collaborative learning promote active engagement in communities (from local to global), critical reflection, and personal responsibility.

As a student at SUNY New Paltz, you will:

1. acquire a foundation of knowledge that will enable you to engage with different aspects of our world. You will gain exposure to the ways in which artists, humanists, mathematicians, and natural and social scientists address questions about the world and ourselves. You will explore and learn to apply quantitative reasoning, qualitative interpretation, and creative activity as means of addressing those questions.
2. explore questions of identity and community, including reflecting on who you are and your commonality and difference with respect to others. Through interacting with our diverse student body, studying or visiting regions of the world, exploring the activities and communities within and surrounding the university, and learning about diversity within the US and elsewhere, you will become an informed global citizen.
3. learn how to organize, synthesize, and apply many types of information in a variety of formats; make and critique arguments; and express yourself clearly in multiple modes. These analytical, critical, and communicative skills will serve you at the university and beyond.
4. specialize in at least one disciplinary area of knowledge so you can succeed in that field, apply your expertise in other arenas, and/or go on to advanced study prepared to engage confidently with other practitioners or scholars.

You will have the opportunity to:

1. apply your learning within and outside the classroom. Through directed research, internships, and service learning, you experience what you can do with what you know.
2. develop the tools to become a lifelong learner and a productive contributor to learning communities, including SUNY New Paltz.
3. attain an understanding of yourself as a citizen and community member with the knowledge and ability to engage others in progress toward a more sustainable world.

## History of the Campus

The SUNY New Paltz campus stands on land that is the traditional territory of people of the Munsee, Esopus and Lenape tribes.

In 1828, the New Paltz Classical School opened its doors on North Front Street, the direct ancestor of the State University of New York at New Paltz. It offered Greek and Latin along with reading, writing, and arithmetic. In 1833, it was reorganized into an academy on Huguenot Street and the banks of the Walkkill River. The academy educated local children until a serious fire in 1884 compelled it to rebuild.

Rather than simply rebuilding, the school shifted its mission, becoming a state normal school that trained teachers for New York State public schools. Even then, New Paltz was innovative; a course of study was available to students interested in subjects beyond teacher training.

Yet another fire destroyed the school in April 1906, and once again it was rebuilt, this time at a new location on a ten-acre hillside plot a mile away. The new building, dedicated in January 1909, still stands as "Old Main." In 1932, the Lawrence H. van den Berg School of Practice, named for the last Normal School principal and the first New Paltz college president

(1923-43) opened. For 50 years, it served as a locus for teacher training and the education of local school children.

The Normal School became an official college with a four-year curriculum in 1938: the State Teachers College at New Paltz. The first bachelor's degrees were awarded to the 112 members of the Class of 1942, and in 1947 the school began offering graduate studies in education. In 1948, New Paltz became one of the original campuses to join the newly established State University of New York System.

As society changed, the curriculum at SUNY New Paltz changed to meet new needs of New Yorkers. Survey courses in African and Asian cultures were introduced. In 1968, a program in Black Studies was established. Alice Chandler (president from 1980-1996) added professional degree programs in journalism, engineering, business, and nursing. In 1994, the school was renamed once again, as the State University of New York at New Paltz.

Like other SUNYs, New Paltz experienced significant physical expansion during the 1960s and 1970s, with several new buildings constructed to form a modern university campus on 216 acres.

In 1991, a power "spike" resulting from an off-campus traffic accident seriously damaged electrical transformers in five buildings on campus, contaminating them with PCBs. The school wasted no time in summoning county and state health departments for guidance on a massive clean-up. In response to this incident, PCBs have not been used on the campus since 1994.

The Samuel Dorsky Museum of Art, which opened in 2001, is one of the largest museums in SUNY, with more than 9,000 square feet of exhibition space in six galleries. The Dorsky's permanent collection comprises more than 5,000 works of American art (with emphasis on the Hudson Valley and Catskill regions), 19<sup>th</sup>, 20<sup>th</sup> and 21<sup>st</sup>-century photography, metals, and a "world collection" of art and artifacts dating back to ancient times and representing diverse cultures. Through its collections, exhibitions, and public programs, the Dorsky supports and enriches the university's academic programs, presents a broad range of world art for study and enjoyment, and serves as a center for Hudson Valley arts and culture.

New Paltz has always embraced international education. In 1901, the college welcomed 50 female students from Cuba. Today, the school has a robust and award-winning study-abroad program that offers students the opportunity to study in 120 countries. In 2015, the college received the Heiskell Award from the Institute for International Education, recognizing its success programming to create study-abroad opportunities for economically disadvantaged and historically underrepresented students.

Today, the State University of New York at New Paltz includes the College of Liberal Arts & Sciences, the School of Business, the School of Science & Engineering, the School of Fine & Performing Arts, the School of Education; Graduate, Professional and Interdisciplinary Studies; and Continuing and Online Education.

Largely as an outgrowth of a forward-looking, 5-year (2008-2013) SUNY capital plan, the physical campus has improved dramatically in the 21<sup>st</sup> century, including the construction of new residence halls (2001, 2004, and 2015) and major renovation of existing residence halls; the opening of the Athletic and Wellness Center (2006); renovation of the Student Union Building, including the addition of a now-iconic pyramidal glass "Atrium" (2010); renovation of Old Main (2012), the Sojourner Truth Library (2016) and renovation and repurposing of Wooster Hall (2016); construction of a new science building (2017), and construction of the Engineering Innovation Hub (2019). These changes represent the

most significant investment in infrastructure to support New Paltz's educational mission since the Governor Nelson Rockefeller era in the 1960s and '70s.

Since launching the Hudson Valley Additive Manufacturing Center in spring 2013, the campus's groundbreaking 3D printing initiative has integrated the college's strengths in engineering, computer science, technology, and the arts. New Paltz has added state-of-the-art 3D printing equipment, created an undergraduate minor and a graduate degree program in digital design and fabrication, forged public-private partnerships with industry leaders, garnered over \$12 million in state and private funding, and promoted collaboration among students, faculty and regional businesses on 3D design projects. In partnership with MakerBot, the leading manufacturer of desktop 3D printers, the college opened the nation's first MakerBot Innovation Center in 2014.

In June 2016, SUNY New Paltz was the first institution of higher education to be designated a Stratasys-MakerBot Additive Research & Teaching or SMART lab by Stratasys, the largest 3D printer company in the world. At that time, the University also announced the launch of an 18-credit minor in digital design and fabrication (DDF)—the result of a unique partnership between the Schools of Fine & Performing Arts and Science & Engineering to prepare a new generation of students to conceptualize and design for 21<sup>st</sup>-century manufacturing. A Master of Arts degree in digital design & fabrication received approval in 2021.

Over time, the curricular mission of the school has broadened from the nearly single-track of the Normal School to more than 140 programs in seven units. All students experience a liberal arts core curriculum coupled with a major in the liberal arts, the arts, the sciences, or a pre-professional offering. All students receiving certification in education must have a liberal arts or sciences major. In 2021-2022, the college added a fully online degree-completion program, a Bachelor of Arts degree in General Studies to reach a new audience in the region and New York State. The college has regularly appeared on *Kiplinger's* list of "100 Best Values in Public Colleges," and continues to climb in *U.S. News and World Report* and *Princeton Review* rankings for the best public regional universities in the Northeast. New Paltz ranks in the top 3% nationwide on a social mobility index that measures a schools' ability to help students – especially those from disadvantaged backgrounds – climb the socioeconomic ladder.

From its inception as the Classical School, SUNY New Paltz has established a reputation for excellence and creativity to serve the educational needs of the Hudson Valley and other regions of New York State, a tradition that continues to this day.



# Leadership

The State University of New York is the largest comprehensive system of higher education in the United States. SUNY New Paltz is one of 64 SUNY campuses and one of the system's 13 University Colleges. University Colleges are leaders in undergraduate instruction and provide bachelor's and master's degrees in liberal arts and sciences and professional disciplines. Student success is the primary focus as evidenced by faculty and staff interactions through honors programs, independent study opportunities, research and study abroad.

## SUNY Leadership

### Senior Staff

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Beth Berlin, Senior Vice Chancellor for Operations & Management and Chief Operating Officer

Valerie Dent, Associate Vice Chancellor and Chief Deputy for Student Success

Johanna Duncan-Poitier, Senior Vice Chancellor for Community Colleges and the Education Pipeline

Aaron Gladd, Chief Strategy Officer and Senior Advisor for Operations and Management

Valerie Grey, Senior Vice Chancellor & Chief Hospital and Healthcare Operations Officer

Cheryl Hamilton, Associate Vice Chancellor for Student Life, Opportunity Programs & Student Advocate

**Donna Linderman**, Senior Vice Chancellor for Student Success

**Kapil Longani**, Senior Vice Chancellor for Legal Affairs & General Counsel

Ricardo Nazario-Colón, Senior Vice Chancellor for Diversity, Equity & Inclusion and Chief Diversity Officer

Travis Proulx, Vice Chancellor for Government Affairs & Marketing

Ian Rosenblum, Senior Vice Chancellor for Policy Implementation & Chief of Staff

F. Shadi Shahedipour-Sandvik, Senior Vice Chancellor for Research, Innovation & Economic Development and Interim Provost

### Board of Trustees

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**Cesar Perales**, Vice Chair - Brooklyn

**Joseph Belluck** - New York City

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**Eunice A. Lewin** - Buffalo

**Stanley S. Litow** - New York City

**Alexander Ruiz** - President, SUNY Student Assembly - Geneseo

**Edward Spiro** - New York City

**Cary Staller** - Old Field

**Camille Joseph Varlack** - Brooklyn

**Christy Woods**, President, Faculty Council of Community Colleges - Rochester

## New Paltz Leadership College Council

SUNY College Councils are established, described and governed by the provisions of Article 8, Section 356 of the New York State Education Law. Each state-operated campus has such a Council. Each Council consists of 10 members, nine appointed by the Governor, and one elected by and from the students on the campus. The Governor designates one member as Chair. Council members appointed by the Governor serve for a term of seven years. Councils also shall invite a representative of the faculty and a representative of the alumni to attend regular meetings of the Council. Consistent with the statutory responsibilities of such bodies, they shall develop and foster strong relationships between their institutions and local communities and promote campus and University interests.

**Eli Basch**, Interim Chairperson - Kingston

**Neil Bettez** - New Paltz

**Xaviana Blunt**, Student Association President

**Ronald Law '74** - Bronx

**Julie L. Noble** - Kingston

**Renee Padmore-Bacchus '91**, Alumni Representative

**Reynolds J. Scott-Childress** - Faculty Representative

**Abe Uchitelle '10** - Kingston

**Eleanor Venables** - New Paltz

### Retired Members

**Kenneth J. Abt**, Previous Chairperson - Middletown

**Bythema B. Bagley '83** - New Paltz

### Administrative Officers

Darrell P. Wheeler, President

**William T. McClure**, Provost & Vice President, Academic Affairs

Stephanie Blaisdell, Vice President, Student Affairs

**Stella Turk**, Interim Vice President, Enrollment Management

Michele Halstead, Vice President, Administration & Finance

Erica Marks, Vice President, Development & Alumni Relations; Executive Director, SUNY New Paltz Foundation

Tanhena Pacheco Dunn, Esq., Vice President for Human Resources, Diversity & Inclusion and Chief Diversity Officer

Shelly Wright, Chief of Staff and Vice President, Communication

## Academic Leaders

**Kristin Backhaus**, Dean, School of Business

**Laura Barrett**, Dean, College of Liberal Arts & Sciences

**Susan M. Frey**, Dean, Sojourner Truth Library

**Laurel M. Garrick Duhaney**, Associate Provost, Strategic Planning & Assessment

**Aaron Isabelle**, Interim Dean, School of Education

**Shala Mills**, Associate Provost, Academic Planning & Learning Innovation

Thomas Nolen, Interim Dean, School of Science & Engineering

**Jennifer Mokren**, Dean, School of Fine & Performing Arts

## Distinguished Faculty & Chancellor's Awardees

### Distinguished Faculty

**Caskey, Kevin**

Distinguished Service Professor (Business), 2022

**Li, Keqin**

Distinguished Professor (Computer Science), 2009

**Roper, Louis**

Distinguished Professor (History), 2019

### Emeriti

**Adams, Michael**

Distinguished Professor (Mathematics), 2003

**Benjamin, Gerald**

Distinguished Professor (Political Science), 2002

**Brown, Peter D.G.**

Distinguished Service Professor (Foreign Languages), 1999

**Cash, Arthur**

Distinguished Professor (English), 1989

**Clark, David**

Distinguished Professor (Mathematics), 2003

**Fialkow, Lawrence**

Distinguished Professor (Computer Science), 2009

**Hauptman, Laurence**

Distinguished Professor (History), 1999

**Hayes, Dorothy T.**

Distinguished Service Professor (Educational Studies)

**Knapp, Ronald**

Distinguished Professor (Geography), 1998

**Schmidt, Jan Z.**

Distinguished Teaching Professor (English), 2005

**Sorin, Gerald**

Distinguished Teaching Professor (History), 1994

**Stoneback, Harry**

Distinguished Teaching Professor (English), 2004

**Urbanski, Henry**

Distinguished Service Professor (Foreign Languages), 2001

## Chancellor's Awardees Excellence in Adjunct Teaching

**Barker, Joan**

Art, 2013-2014

**Bone Noble, Lauren**

Theatre Arts, 2016-2017

**DeArce, James**

Sociology, 2014-2015

## Excellence in Faculty Service

**Azari, Hamid**

Economics, 2010-2011

**Balant, Anne Campbell**

Communication Disorders, 2020-2021

**Caskey, Kevin**

Business, 2014-2015

**Geher, Glenn**

Psychology, 2021-2022

**Hobby, David**

Mathematics, 2013-2014

**Meyer, Tom**

Secondary Education, 2011-2012

**Morrison, Heather**

History, 2019-2020

**Morrow, Maureen A.**

Biology, 2007-2008

**Mozayeni, Simin**

Economics, 2018-2019

**Nunes, Stacie**

Physics & Astronomy, 2012-2013

**Ozler, Serife Ilgu**

Political Science & International Relations, 2017-2018

## Excellence in Professional Service

**Bonilla, Antonio**

Educational Opportunity Program, 2017-2018

**Bruso, Andrew**

Communication & Marketing, 2021-2022



**Chauvet, Paul**

IT/Computer Services, 2013-2014

**Cohen-LaValle, Robin**

Student Development, 2001-2002

**Deen, Stella**

English, 2006-2007

**Halstead, Michele**

Administration & Finance, 2009-2010

**Lyons, James**

Design, Print & Mail Services, 2015-2016

**McAllister, Valerie**

Academic Affairs, 2019-2020

**Mitten, Lisa**

Campus Sustainability (Facilities Management), 2020-2021

**Mumper, Joel**

IT/Computer Services, 2015-2016

**Oles, John**

Communication & Marketing, 2021-2022

**Ordway, Richard J.**

Student Health Service, 2021-2022

**Palen, James (Jay)**

Telecommunications, 2017-2018

**Roberson, Timothy**

IT/Computer Services, 2014-2015

**Sandick, Lisa**

Development & Alumni Relations, 2015-2016

**Shock, Vika**

Graduate & Extended Learning, 2019-2020

**Shumway, Justin**

Communication & Marketing, 2020-2021

**Skillman, Matthew**

Communication & Marketing, 2018-2019

**Sullivan, Patricia**

Digital Media & Journalism, Honors Program; 2014-2015

**Tobin, Kathleen (kt)**

Benjamin Center for Public Policy Initiatives, 2017-2018

**Turk, Stella**

Communication Disorders, 2012-2013

**Vargas, Beth Mugler**

International Programs, 2020-2021

## **Excellence in Scholarship and Creative Activities**

**Engel-Di Mauro, Salvatore**

Geography, 2015-2016

**Geher, Glenn**

Psychology, 2016-2017

**Kassop, Nancy**

Political Science & International Relations, 2018-2019

**Mimlitsch-Gray, Myra**

Art, 2017-2018

**Rădulescu, Anca**

Mathematics, 2021-2022

**Raskin, Jonathan**

Psychology, 2006-2007

**Roper, Louis**

History, 2014-2015

**Roztock, Narcyz**

Business, 2019-2020

**Shimada, Akira**

History, Asian Studies; 2020-2021

**Tikoo, Surinder**

Business, 2009-2010

## **Excellence in Teaching**

**Arnold, M. Robin**

Art, 1998-1999

**Backhaus, Kristin**

Business, 2008-2009

**Bray, Gregory**

Digital Media & Journalism, 2020-2021

**Geher, Glenn**

Psychology, 2008-2009

**Gonzalez, Julio**

Electrical & Computer Engineering, 2000-2001

**Johnson, Nancy**

English, 2009-2010

**Mimlitsch-Gray, Myra**

Art, 1997-1998

**Mulready, Cyrus**

English, 2016-2017

**Rayburn, John**

Geology, 2014-2015

**Stapell, Hamilton**

History, 2020-2021

**Wade, John**

Theatre Arts, 2012-2013

**Wolf, Reva**

Art History, 2010-2011

## **Emeriti**

**Alexander, Peter**

Excellence in Teaching (Music), 1974-1975

**Anastasio, Salvatore**

Excellence in Teaching (Mathematics), 1979-1980

**Barley, Gerlinde**

Excellence in Librarianship, 2007-2008

**Bell, Karen**

Excellence in Professional Service (Education), 2013-2014

**Bennett, James**

Excellence Scholarship and Creative Activities (Art), 2003

**Bodenschatz, Richard**

Excellence in Professional Service (Undergraduate Admission), 2012-2013

**Books, Sue**

Excellence in Teaching (Secondary Education), 2013-2014

**Boyle, Mary Elinor**

Excellence in Teaching (Music: Music Therapy), 1989-1990

**Brown, Paul**

Excellence in Teaching (Psychology), 1972-1973

**Brown, Peter D.G.**

Excellence in Teaching (Foreign Languages), 1992-1993

**Cardillo, Rimer**

Excellence in Scholarship & Creative Activities (Art), 2006

**DeLape, Christine**

Excellence in Professional Service (Fine & Performing Arts), 2008-2009

**Fractenberg, David**

Excellence in Teaching (Communication), 1977-1978

**Freedman, Daniel**

Excellence in Teaching (Chemistry), 2008-2009

**French, Katherine L.**

Excellence in Scholarship & Creative Activities (History), 2007-2008

**Havranek, Gwen**

Excellence in Professional Service (Liberal Arts & Sciences), 2011-2012

**Ho, Hon**

Excellence in Scholarship & Creative Activities (Biology), 2012-2013

**Hofstetter, Elaine B.**

Excellence in Faculty Service (Secondary Education), 2003-2004

**Kastner, Mary**

Excellence in Professional Service (Design, Print & Mail Services), 2013-2014

**Kaufman, Peter**

Excellence in Teaching (Sociology), 2010-2011

**Kempton, Daniel**

Excellence in Professional Service (English), 2003

**Kraat, Susan**

Excellence in Librarianship, 2011-2012

**Lee, Chui-chun**

Excellence in Librarianship, 1989-1990

**Lewis, Susan**

Excellence in Teaching (History), 2016-2017

**Lewit, Jonathan**

Excellence in Professional Service (IT/Computer Services), 1998-1999

**Lovett, Sarah Ann**

Excellence in Teaching (Art), 1989-1990

**Morse, David**

Excellence in Teaching (Psychology), 1973-1974

**Nyquist, Corinne**

Excellence in Librarianship, 1985-1986

**Olsen, Thomas G.**

Excellence in Teaching (English), 2003-2004

**Pine, Vanderlyn**

Excellence in Teaching (Sociology), 1974-1975

**Puretz, Susan**

Excellence in Teaching (Physical Education), 1975-1976

**Rudnitski, Rose**

Excellence in Faculty Service (Educational Administration), 2008-2009

**Salavitarbar, Hadi**

Excellence in Teaching (Business), 1990-1991

**Sankappanavar, Hanamantagouda**

Excellence in Teaching (Mathematics), 1989-1990

**Schniedewind, Nancy**

Excellence in Teaching (Educational Studies), 1977-1978

**Schroer, Joanna**

Excellence in Professional Service (Academic Advising), 2018-2019

**Sillner, Bruce**

Excellence in Professional Service (International Programs), 2012-2013

**Smith, Linda**

Excellence in Professional Service (Academic Computing), 2011-2012

**Spangler, Lynn C.**

Excellence in Professional Service (Liberal Arts & Sciences), 2010-2011

**Uchmanowicz, Pauline**

Excellence in Teaching (English), 2003-2004



# Accreditation & Memberships

## Accreditation

The State University of New York at New Paltz is approved as a degree-granting institution by the Trustees of the State University of New York and the Regents of New York State.

SUNY New Paltz is accredited by the Middle States Commission on Higher Education (MSCHE), 1007 North Orange Street, 4th Floor, MB #166, Wilmington, DE 19801 (267-284-5011) [www.msche.org](http://www.msche.org). The MSCHE is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation (CHEA).

Visit our [Middle States Accreditation Status](#) website for more information.

SUNY New Paltz possesses full and current accreditation from the following institutional accrediting agencies recognized for this purpose:

- Association for Advancing Quality in Educator Preparation (AAQEP)  
P.O. Box 7511  
Fairfax Station, VA 22039  
Telephone: 301-276-5106

AAQEP accredits programs that prepare professional educators (including teachers, school leaders and administrators, and other education-related personnel) and that lead to recognized degrees at the bachelor's, post-baccalaureate, or master's level and/or to recognized post-degree professional certificates or endorsements, across the United States and its territories and dependencies.

- National Association of Schools of Art and Design (NASAD)  
11250 Roger Bacon Drive, Suite 21  
Reston, VA 20190-5248  
Telephone: 703-437-0700  
Fax: 703-437-6312  
Email: [info@arts-accredit.org](mailto:info@arts-accredit.org)
- National Association of Schools of Music (NASM)  
11250 Roger Bacon Drive, Suite 21  
Reston, VA 20190-5248  
Telephone: 703-437-0700  
Fax: 703-437-6312  
Email: [info@arts-accredit.org](mailto:info@arts-accredit.org)
- National Association of Schools of Theatre (NAST)  
11250 Roger Bacon Drive, Suite 21  
Reston, VA 20190-5248  
Telephone: 703-437-0700  
Fax: 703-437-6312  
Email: [info@arts-accredit.org](mailto:info@arts-accredit.org)

In addition, programmatic accreditation or certification and approval of curricula has been granted as follows:

- School of Business programs are accredited by the Association to Advance Collegiate Schools of Business (AACSB) International.
- The Chemistry curriculum is certified by the American Chemical Society (ACS).
- The Computer, Electrical and Mechanical Engineering programs are accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org>.
- The M.S. Clinical Mental Health Counseling and M.S. School Counseling programs are accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP), a

specialized accrediting body recognized by the Council for Higher Education Accreditation (CHEA).

- The M.S. Music Therapy program is approved by the American Music Therapy Association (AMTA).
- The Master of Science (M.S.) education program in speech-language pathology {residential} at SUNY New Paltz is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology of the American Speech-Language-Hearing Association, 2200 Research Boulevard, #310, Rockville, MD 20850, 800-498-2071 or 301-296-5700.
- The Center for Student Success is certified by the College Reading and Learning Association (CRLA).

## Institutional Memberships

- American Association of State Colleges and Universities (AASCU)
- Association for Sustainability in Higher Education (AASHE)
- Association of American Colleges & Universities (AAC&U)
- Association of Council Members and College Trustees of the State University of New York (ACT)
- Second Nature Carbon Commitment
- United Nations Academic Impact (UNAI)

In addition, the Haggerty English Language Program is a member of University and College Intensive English Programs (UCIEP).

# Academic Calendar

## Fall 2023

June 12 - August 18

Registration moratorium: Continuing undergraduates cannot add and drop classes for fall 2023.

July 1 (Saturday)

Degree applications for December 2023 due to the Office of Records & Registration.

All students who wish to have a degree or certificate conferred (undergraduate, graduate degrees, and certificates of advanced study) must apply by this date.

August 18 (Friday)

Registration moratorium ends at 4:00 p.m.

August 21 (Monday)

Non-matriculated and visiting student undergraduate registration begins.

Cross-registered registration begins.

Exchange student registration begins.

Visit the Records & Registration website for more information about registration.

August 24 (Thursday)

First-semester freshmen and first-semester transfer students check into residence halls 10 a.m.-5 p.m..

August 27 (Sunday)

Returning residents may check into residence halls 10 a.m.-5 p.m. and 8:30-10 p.m..

August 28 (Monday)

FIRST DAY OF CLASSES

August 30 (Wednesday)

CONVOCATION: A campus community celebration welcoming our new students.

September 3 (Sunday)

Last day to add course without late registration fee.

Last day for 100% refund.

Sept. 4 - Sept. 10

Late course add period: Course add requires electronic permission from the instructor and \$20 course change fee.

September 4 (Monday)

Labor Day: No classes

September 10 (Sunday)

Review process for cross-registration ends.

Last day to drop a course without "W" grade or fee.

Last day for 70% refund.

Sept. 11 - November 3

Course withdrawal period: \$20 course withdrawal fee.

September 15 (Friday)

Rosh Hashanah: Classes in session

September 17 (Sunday)

Last day for 50% refund.

September 24 (Sunday)

Last day for 30% refund.

September 25 (Monday)

Yom Kippur: Classes in session

September 26 (Tuesday)

Deregistration for students who do not confirm enrollment.

September 29 (Friday)

Enrollment census reporting due. On this day, New Paltz takes a "snapshot" of all students' enrollment, which becomes the "official enrollment" that is used for required State reporting and determining financial aid eligibility.

Faculty are required to report student non-attendance in Starfish, accessible in my.newpaltz.edu.

October 1 (Sunday)

Study Abroad: Deadline for intersession semester, spring semester and calendar year.

October 1 - March 1

Study Abroad: Applications open for the summer semester.

October 6 (Friday)

Last day for student to submit work due for course graded "I" (Incomplete) for spring and summer 2023.

October 9 - October 10

Fall break: No classes

October 15 (Sunday)

Mid-point of fall 2023 semester

October 20 (Friday)

Last day for instructor to submit grade change for an "I" (Incomplete) for spring and summer 2023.

October 30 - November 19

Declaration moratorium for major/minor: Students cannot declare a major or minor at this time.

November 1 - April 1	Study Abroad: Applications open for fall semester and academic year
November 3 (Friday)	Last day to request course withdrawal.
November 6 (Monday)	Black Solidarity Day: Classes in session
	Winter session registration begins.
November 6 - January 16	Spring 2024 registration
	November 6: Matriculated graduate student registration begins.
	November 13: Matriculated undergraduate student registration begins.
	November 20: Non-matriculated graduate student registration begins (registration for graduate courses only).
	January 16: Non-matriculated, cross-registered, and visiting undergraduate registration begins.
November 22 - November 24	Thanksgiving Recess: No classes
November 27 (8 a.m.) through December 11 (midnight)	Fall 2023 SEI administration
December 11 (Monday)	Last day for student-elected Satisfactory/Unsatisfactory option.
	Undergraduates: Last day to take a leave of absence or withdraw from the university
	Last day of classes
December 12 - December 13	Study Days/Make-up Class Days
December 14 (Thursday)	Common Exam Day
December 15 - December 21	Final examinations
December 21 (Thursday)	End of fall session
December 22 (Friday)	Residence halls close, 10 a.m.
December 27 (Wednesday)	Last day for faculty to submit final grades (due by 2 p.m.)

## Spring 2024

January 1 (Monday)	Degree applications for May 2024 due to the Office of Records & Registration.
	All students who wish to have a degree or certificate conferred (undergraduate, graduate degrees, and certificates of advanced study) must apply by this date.
January 8 - January 12	Registration moratorium: Continuing undergraduates cannot add and drop classes for spring 2024.
January 15 (Monday)	Non-matriculated and visiting student undergraduate registration begins.
	Cross-registered registration begins.
	Exchange student registration begins.
January 21 (Sunday)	Returning residents may check into residence halls after 10 a.m.
January 22 (Monday)	FIRST DAY OF CLASSES
January 28 (Sunday)	Last day to add course without late registration fee.
	Last day for 100% refund.
January 29 (Monday)	Martin Luther King Jr. Day observed: Classes in session
January 29 - February 4	Late course add period: Course add requires electronic permission from the instructor and \$20 course change fee.
February 4 (Sunday)	Last day to drop a course without "W" grade or fee.
	Last day for 70% refund.
	Last day to add a cross-registered course. Note that cross registration is a multi-step process, and all steps must be completed prior to the course being added.
February 5 - March 31	Course withdrawal period: \$20 course withdrawal fee.
February 11 (Sunday)	Last day for 50% refund.
February 14 (Wednesday)	Deregistration for students who have not confirmed enrollment for spring 2024.
February 18 (Sunday)	Last day for 30% refund.
February 19 (Monday)	Presidents' Day: No classes

February 23 (Friday)	Enrollment census reporting due. On this day, New Paltz takes a "snapshot" of all students' enrollment, which becomes the "official enrollment" that is used for required State reporting and determining financial aid eligibility.
	Faculty are required to report student non-attendance in Starfish, accessible in my.newpaltz.edu.
March 1 (Friday)	Study Abroad: Deadline for summer semester applications at 11:59 p.m. EST
	Last day for student to submit work due for course graded "I" (Incomplete) for fall 2023 and winter 2024.
March 10 (Sunday)	Mid-point of spring 2024 semester
March 15 (Friday)	Degree applications for August 2024 due to the Office of Records & Registration.
	All students who wish to have a degree or certificate conferred (undergraduate, graduate degrees, and certificates of advanced study) must apply by this date.
	Last day for instructor to submit grade change for an "I" (Incomplete) for fall 2023 and winter 2024.
March 25 - March 29	Spring Break: No classes
March 25 - April 26	Declaration moratorium for major/minor: Students cannot declare a major or minor at this time.
March 31 (Sunday)	Last day to request course withdrawal.
April 1 (Monday)	Study Abroad: Deadline for fall semester and academic year applications at 11:59 p.m. EDT
April 8 (Monday)	Summer session 2024 registration begins
April 8 - August 19	Fall 2024 registration
	April 8: Matriculated graduate student registration begins.
	April 15: Matriculated undergraduate student registration begins.
	April 22: Non-matriculated graduate student registration begins (registration for graduate courses only).
	August 19: Non-matriculated, cross-registered, and visiting undergraduate registration begins.
April 22 (Monday)	Passover begins: No classes after 3 p.m.
April 23 (Tuesday)	Passover: No classes
April 24 (8 a.m.) through May 7 (midnight)	Spring 2024 SEI administration
May 1 - October 1	Study Abroad: Applications open for intersession semester, spring semester and calendar year
May 7 (Tuesday)	Last day for student-elected Satisfactory/Unsatisfactory option
	Undergraduates: Last day to take a leave of absence or withdraw from the university
	Last day of classes for spring 2024
May 8 - May 9	Study Days/Make-up Class Days
May 10 (Friday)	Common Exam Day
May 13 - May 17	Final examinations
May 17 (Friday)	End of spring session
	Graduate Commencement Ceremony, 6-7:30 p.m.
May 18 (Saturday)	Residence halls close, 10 a.m. Students who are graduating may stay until after their undergraduate commencement ceremony.
	Undergraduate Commencement Ceremony: College of Liberal Arts & Sciences, 10 a.m.
May 19 (Sunday)	Undergraduate Commencement Ceremony: Schools of Business, Education, Fine & Performing Arts, Science & Engineering), 10 a.m.
May 21 (Tuesday)	Last day for faculty to submit final grades (due by 2 p.m.)
July 1 (Monday)	Degree applications for December 2024 due to the Office of Records & Registration. (Students participate in May 2024 ceremony.)



# Admission

## Freshmen: General Admission Requirements

We review all general admission applications based on four components:

1. Official high school transcript.
2. An essay as part of the [Common Application](#) or the [SUNY Application](#).
3. A letter of recommendation from the guidance counselor or an academic teacher.
4. Extracurricular activities & involvement (including, but not limited to, jobs, athletic teams, clubs, volunteer positions).

*If unable to submit materials electronically, official copies may be sent to:*

State University of New York at New Paltz  
Office of Undergraduate Admission  
100 Hawk Drive  
New Paltz, NY 12561

## Required High School Coursework

A college preparatory program containing the five core subject areas:

- 4 units of English
- 3-4 units of social sciences/history
- 3-4 units of college prep mathematics (select majors require Algebra II/Trigonometry for admission)
- 3-4 units of science
- 2-4 units of a language other than English

## Average High School GPA

Our review of an applicant's academic work will be by academic year so that we can get a clear, year-by-year picture of achievement and motivation throughout the course of the applicant's high school career.

*Weighted high school averages:* As so many high schools use weighted averages, we will recalculate the overall average in accordance with the high school profile. We use only the five core subjects when recalculating the average.

## Is the SAT/ACT required?

SUNY New Paltz is currently SAT/ACT optional, unless applying to an accelerated medical program (see next paragraph). Application review will focus on the strength of the high school coursework taken, the grades achieved in academic course work, letters of recommendation, the extracurricular activities, as well as the structure and quality of the student essay.

*Accelerated medical programs:* Students applying for the accelerated 3+4 Osteopathic Medical Programs and the accelerated 3+4 Optometry Medical Programs will be required to submit either the SAT or the ACT test score to be considered for admission into these programs.

## Apply to SUNY New Paltz

Complete *either* the [Common Application](#) or the [SUNY Application](#). The \$50 application fee is non-refundable<sup>1</sup>.

## Application Due Dates <sup>2</sup>

Completed applications must be received by the dates below:

- Spring General Freshman Admission: December 15
- Fall General Freshman Admission: May 1
- Early Action: November 15<sup>3</sup>
- Accelerated 3+4 Osteopathic Medical Programs: January 1
- Accelerated 3+4 Optometry Program: January 1
- [Educational Opportunity Program \(EOP\)](#) (p. 17): May 1

<sup>1</sup> Starting August 1, 2022, all students at more than 500 designated public high schools across New York State can use the SUNY Application to apply to up to seven SUNY campuses for free. ([See if your school is eligible.](#)) Students at the designated schools do not need to request a fee waiver as it will be automatically applied in the SUNY Application.

<sup>2</sup> SUNY New Paltz reserves the right to alter due dates at any time without prior notification to applicants.

<sup>3</sup> For Early Action admission, the application and all required application materials must be received complete by November 15. Decisions are sent via U.S. Mail by the first week of January. Please be aware that EOP applicants are not eligible to apply for Early Action.

## Transfer Students: General Admission Requirements

A student who has taken course work at an accredited college (other than SUNY New Paltz) after high school graduation is considered a transfer student.

## Preliminary Transfer Admission Consideration

- A 2.75 minimum grade point average (GPA). If the applicant has attended more than one college, the *combined GPA* from all previous colleges must be at least 2.75.
- If the applicant has less than 45 completed credits, their high school academic record will be considered as well.
- Applicants with less than 45 completed credits may either apply to a major or apply as "Undeclared."
- Applicants with 45 or more completed credits *must* apply directly to a major. "Undeclared" is not an option.

## Transfer Application Process

- Submit the [SUNY Application](#) or the [Common Application](#). The \$50 application fee is non-refundable and non-transferable. The SUNY Application fee is waived for SUNY or CUNY associate degree holders. The Common Application fee is not waived for SUNY or CUNY associate degree holders.

- Submit to the Office of Undergraduate Admission official transcripts from all colleges previously attended.
- Submit to the Office of Undergraduate Admission the official, final high school transcript or GED/TASC (as required by the NYS Education Department).
- Submit to the Office of Undergraduate Admission official score reports for AP, IB, and CLEP exams taken in high school.

*If unable to submit materials electronically, official copies may be sent to:*

State University of New York at New Paltz  
Office of Undergraduate Admission  
100 Hawk Drive  
New Paltz, NY 12561

### Transfer Admission to Specific Majors <sup>1</sup>

- **Art:** A minimum GPA of 2.75 (minimum 3.0 for admission to the Graphic Design B.F.A.), submission of an art statement of purpose, and a successful portfolio review. *Contact the departments for details.*

Note that Graphic Design admits students for fall entrance only.

- **Visual Arts Education:** A minimum GPA of a 3.0, submission of an art statement of purpose, and a successful portfolio review. *Contact the department for details.*
- **Music:** A minimum GPA of 2.75 and a successful music audition/interview. *Contact the department for details.*
- **Theatre Arts:** A minimum GPA of 2.75 and a successful theatre audition/interview. *Contact the department for details.*
- **Adolescence Education:** A minimum GPA of 3.0 and a "B" or better in Writing and Rhetoric (ENG170) or its equivalent.
  - **Adolescence Education - Biology:** A minimum GPA of 3.0, a "B" or better in Writing and Rhetoric (ENG170) or its equivalent, and must have completed General Biology I & II, General Chemistry I & II, and Precalculus.
  - **Adolescence Education - Mathematics:** A minimum GPA of 3.0, a "B" or better in Writing and Rhetoric (ENG170) or its equivalent, and a "B-" or better in Calculus I or Calculus II.
- **Biochemistry:** A minimum GPA of 2.75 and must have completed General Chemistry I & II and Precalculus.
- **Biology:** A minimum GPA of 2.75 and must have completed General Biology I & II, General Chemistry I & II, and Precalculus.
- **Business (all programs):** A minimum GPA of 2.75; applicants must have completed Writing and Rhetoric (ENG170) or its equivalent, Microeconomics or Macroeconomics with a "C-" or better, and a SUNY General Education mathematics course.  
*Although not required for admission, it is highly recommended that an applicant complete Precalculus or the New Paltz equivalent to be eligible for access to junior-level Business courses, which will facilitate timely degree completion.*
- **Chemistry:** A minimum GPA of 2.75 and must have completed General Chemistry I & II and Precalculus.
- **Communication Disorders:** A minimum GPA of 3.0.
- **Early Childhood/Childhood Education:** A minimum GPA of 3.0 and a "B" or better in Writing and Rhetoric (ENG170) or its equivalent.
- **Early Childhood/Childhood Education - Mathematics Concentration:** A minimum GPA of 3.0, a "B" or better in Writing and Rhetoric (ENG170) or its equivalent, and a "B-" or better in either Calculus I or Introduction to Proof.

- **General Studies** (interdisciplinary degree completion program, available fully online): A minimum GPA of 2.5 and at least 60 college credits.
- **Mathematics:** A minimum GPA of 2.75 and a grade of "B-" or better in Calculus I or a grade of "B-" or better in Calculus II.
- **Psychology:** A minimum GPA of 2.75, a "C" or better in General Psychology, and completion of a SUNY General Education mathematics course with a "C" or better.
- All majors within the **School of Science & Engineering** require the completion of Precalculus.

SUNY New Paltz reserves the right to change admission criteria for specific majors without notice.

### Transfer Application Due Dates <sup>2</sup>

- Fall enrollment: May 1 (including Art/Graphic Design/Visual Arts Education portfolio)
- Spring enrollment: December 1 (including Art/Visual Arts Education portfolio)

<sup>1</sup> SUNY New Paltz reserves the right to change admission criteria for specific majors without notice.

<sup>2</sup> SUNY New Paltz reserves the right to change application due dates without notice.

## Admission Communications

The Office of Undergraduate Admission at SUNY New Paltz uses e-mail as its official method of communication. In order to ensure that you receive all communications related to your application, make sure that the e-mail address provided on the application is correct, and add [admissions@newpaltz.edu](mailto:admissions@newpaltz.edu) to your address book to avoid application-related e-mails being sent to spam/junk folders.

## Educational Opportunity Program (EOP)

### What is EOP?

The Educational Opportunity Program (EOP) is a New York State-sponsored program designed to assist students who show promise and potential for academic success at the college level yet demonstrate both an academic and historical financial need for assistance in order to attend college. *EOP is not a financial aid or scholarship program.*

## EOP Admission Criteria

### General Requirements

- You must be a legal resident of New York State.
- You must attend and graduate from a New York State-recognized high school.
- You must be eligible academically *and* financially to be reviewed for EOP admission.

### EOP Freshmen Information

#### Freshmen Academic Eligibility Requirements

The Office of Undergraduate Admission will make a determination on your academic eligibility for EOP admission.

You must have a minimum of a 75.0 cumulative high school average in the following college preparatory program:

- 4 units of English
- 3-4 units of social studies/history
- 3-4 units of mathematics (Algebra I, Geometry, *and* Algebra II/Trigonometry)
- 3-4 units of science (three units of lab science)
- 2-4 units of a language other than English

### Academic Eligibility Decision

If you are found *academically eligible*, your application will be forwarded to the SUNY New Paltz Financial Aid Office for a review of your family financial eligibility for EOP.

If you are found *academically ineligible* (your high school average and SAT or ACT score, if applicable, exceed the maximum allowed for EOP at SUNY New Paltz), you will be notified by the Office of Undergraduate Admission and your application will be reviewed under the admission criteria for General Freshman Admission.

### Freshmen Family Financial Eligibility

The Office of Student Financial Services will make a determination on your financial eligibility for EOP admission.

- The most recent EOP [financial eligibility guidelines](#) can be found online.
- Submit your [Free Application for Federal Student Aid \(FAFSA\)](#).
- Submit your completed [Financial Eligibility Form](#) electronically.
- Print the EOP Documentation Cover Sheet and submit with your required financial documents to SUNY as instructed.

If you are found *both* financially and academically eligible for EOP admission consideration, your application will be forwarded to the SUNY New Paltz EOP Office for a final admission decision.

If you are found *financially ineligible* (your family income and assets exceed the allowed income/assets level), your application will be removed from EOP consideration and will be reviewed under the criteria for General Freshman Admission by the Office of Undergraduate Admission.

### EOP Transfer Information

#### Transfer Academic Eligibility Requirements

If you are attending or have attended another college, have been enrolled in an EOP, HEOP, or SEEK program, and are a New York State resident, you may apply for EOP transfer admission. You must meet the following:

- Minimum 2.75 GPA in all your previous college work.
- Specific [transfer requirements](#).

#### Transfer Family Financial Eligibility

The EOP Office and the Office of Student Financial Services will make a determination of your financial eligibility for EOP admission.

- Submit your [Free Application for Federal Student Aid \(FAFSA\)](#)
- Send in the New Paltz [EOP Transfer Verification Form](#), which must be completed and signed by the EOP Director at the college you attended most recently. (*Applicants can send the [EOP Transfer Verification Form](#) to the EOP Director at their most recent college.*)

### Apply to the Educational Opportunity Program

Use *one* of these applications:

- [SUNY Application](#)
- [The Common Application](#)

### Freshman Applicants: What to Submit with Your Application

- Your official high school transcript
- Your essay as part of the Common Application or as part of the SUNY Application.
- Recommendation letter from your guidance counselor/college adviser or teacher.

Also:

- Submit your [Free Application for Federal Student Aid \(FAFSA\)](#).
- Submit your completed [Financial Eligibility Form](#) electronically.

### Freshman Application Due Date

- Fall Admission: May 1

SUNY New Paltz does not have a spring EOP freshman class.

### Transfer Applicants: What to Submit with Your Application

- All official college transcripts
- Your official high school transcript (to verify your New York State residency).

Also:

- Submit your [Free Application for Federal Student Aid \(FAFSA\)](#).
- Send in the New Paltz [EOP Transfer Verification Form](#), which must be completed and signed by the EOP Director at the college you attended most recently. (*Applicants can send the [EOP Transfer Verification Form](#) to the EOP Director at their most recent college.*)

### Transfer Application Due Dates

- Fall Admission: May 1
- Spring Admission: December 1

### Important Information for All Applicants

- SUNY New Paltz reserves the right to change application due dates without notice to applicants.
- The Offices of Undergraduate Admission, EOP, and Student Financial Services at New Paltz use e-mail as our official method of communication. In order to ensure that you receive all communications related to your application, please make sure the e-mail address provided on your application is correct, and add SUNY New Paltz (@newpaltz.edu) to your address book to avoid e-mails being sent to spam/junk folders.
- The requirements published here are for SUNY New Paltz only. Other SUNY, CUNY, and New York independent colleges will have different requirements for EOP, SEEK, or HEOP.

## Haggerty English Language Program (HELP): English as a Second Language

**Location:** van den Berg Hall, Rooms 201 and 203

**Phone:** (845) 257-3595; **WhatsApp:** (845) 419-8129

**E-mail:** [esl@newpaltz.edu](mailto:esl@newpaltz.edu)

Web Address: [www.newpaltz.edu/esl](http://www.newpaltz.edu/esl)

## Mission Statement

The Haggerty English Language Program delivers high-quality English language instruction to speakers of other languages. Our student-centered curriculum is designed to educate non-native English speakers both linguistically and culturally to be successful in an American university. By promoting cross-cultural encounters, outreach, and participation, we contribute to the diverse multicultural character of the campus and community.

## Vision Statement

We in the Haggerty English Language Program seek to educate students to be active and engaged global citizens of the 21st century, respectful of every culture, religion, and ethnicity.

## What We Do

- We provide an intensive English as a Second Language (ESL) Program, a unit in the Center for International Programs at the State University of New York, New Paltz.
- We offer instruction during the academic year and one session in the summer.
- We assess English language proficiency and place students according to level in a full-time program of study to improve their English language skills and prepare them to take academic coursework.
- We provide orientation, one-on-one mentoring, advising, and tutoring services.
- We sponsor English language-building activities and trips.
- We actively support ESL student participation in SUNY New Paltz and community events in order to foster a more enriching experience for international students in the U.S.A.
- We offer an Academic Purposes level which allows students to enroll in academic and ESL courses for credit, helping conditionally admitted Pathway Program students to better transition into their undergraduate or graduate degree-granting program.

The Haggerty English Language Program (HELP) is a proud member of UCIEP (University and College Intensive English Programs), NAESA: Association of International Educators, and TESOL International Association and has been recognized for its high professional standards and quality English language instruction.

*Proudly serving the global population and the communities of Poughkeepsie, Kingston, Newburgh, and Middletown in the Hudson Valley.*

## Pathway Program

### Overview

The Haggerty English Language Program is proud to offer an on-campus pathway program to international students seeking undergraduate degrees at SUNY New Paltz, as well as to international students conditionally admitted to The Culinary Institute of America (CIA).

Through the HELP Pathway Program, conditionally admitted students will:

- be issued an I-20 from SUNY New Paltz.
  - *SUNY New Paltz students will be issued a Pathway I-20. It will indicate that the student is not yet proficient in English and that they will be tested for proficiency upon arrival.*
  - *CIA students will be issued a Language Training I-20. It will indicate that the student is studying English Language at SUNY New Paltz, with a note indicating their intention to begin their studies at the CIA upon completion of the program.*
- meet their English language requirement for admission upon completion of the program.
- be better prepared for the rigor of university coursework in the U.S.
- earn university credits while in the highest level of the program (undergraduates only).
- receive advising from a dedicated advisor and direct coaching from faculty.
- receive a certificate upon completion of the program.
- begin their academic coursework when they reach the highest level of the program.

Visit [Pathway Program](#) online to learn how to get started.

### What does "conditional admission" mean?

Students may be granted admission to SUNY New Paltz or the Culinary Institute of America even without the minimum English proficiency requirement for direct admission, if they meet the academic requirements. They can matriculate and begin full-time academic studies once they complete the highest level of the Pathway Program.

### Learn More

Consult the [Pathway Program website](#) for additional details about the program, including information about English proficiency test scores, application deadlines, program levels and duration, Pathway courses, dates and cost of the program, and instructions for newly admitted students.

## Intensive English Program

### Overview

The Intensive English Program is designed to help general English language learners to improve all of the major language skill sets, including:

- Listening and Speaking
- Reading and Writing
- Grammar

Each semester includes selected topics that may focus on culture (such as language through American pop culture), focused skills (such as pronunciation), or English for specific purposes (such as Business English).

### Learn More

Visit the [Intensive English Program website](#) for information about English proficiency test scores, application deadlines, orientation, courses, program levels and duration, and dates and cost of the program.

## Levels and Duration

Students enrolled in the Haggerty English Language Program, whether for Intensive English or the Pathway Program, will start in one of the following levels depending on placement:



- Level 1 – Beginner
- Level 2 – Intermediate
- Level 3 – Advanced
- Level 4 – Academic Purposes

A level can be completed in one 16-week semester (Fall/August start or Spring/January start). Students may be able to complete a level by enrolling in our intensive 5-Week Summer Session.

Students have completed the Pathway Program and meet our English language proficiency requirements for admission to undergraduate or graduate programs upon completion of Level 4 – Academic Purposes.

Students in the Intensive English Program are not required to complete Level 4 – Academic Purposes. All students will receive a certificate of completion indicating the highest level they have finished.

The total time in the program will depend upon the student's initial placement level and other factors.

## Dates and Costs

See [2024 Calendar Year](#) for available information about HELP's academic course fees, acceptable payment methods, information about special group programs, and notes about academic and living expenses.

If you have questions about part-time study, refund policies, or other payment issues, please e-mail [esl@newpaltz.edu](mailto:esl@newpaltz.edu) or call +1-845-257-3595.

## Frequently Asked Questions

# Office of Academic Advising

## About the OAA

OAA advisors provide academic advising to New Paltz students<sup>1</sup> from onboarding through graduation. In addition, students will have a dedicated faculty advisor once they declare their major. OAA advising includes an array of services including guidance with academic policies and procedures, holistic academic support and educational planning, and informed referrals to campus resources. OAA staff includes a School of Education specialist and degree completion specialist.

For general advising inquiries, contact us at [advising@newpaltz.edu](mailto:advising@newpaltz.edu) or (845) 257-3015.

## Our Mission

The mission of academic advising at SUNY New Paltz is to assist students as they develop meaningful educational plans to help them achieve their academic, career, and life goals. The Office of Academic Advising (OAA) supports this mission by advising SUNY New Paltz undergraduates<sup>1</sup> who are in the process of selecting majors. The OAA is integrated with the [Center for Student Success](#) to provide whole student support and partners with faculty in support of advising efforts.

## What is the role of the OAA advisor and how do they partner with faculty advisors?

OAA advisors are primarily responsible for advising undeclared students, while faculty advisors are responsible for advising declared students in their respective major.

When students declare a major, they are assigned a faculty advisor for advisement in the major. The student remains connected, however, with their OAA advisor as a general advisee. In this dual role, OAA advisors maintain a caseload of undeclared and declared students.

*In their role as a general advisor, the OAA advisors will always refer students to their major advisor for registration clearance and for educational planning in their major.*

Faculty advisors may find it helpful to know that the OAA advisors complement the faculty advisor's role by providing their caseload students (declared and undeclared) with the following forms of guidance and assistance:

- **Degree Requirements/Policies.** General advisors assist students in understanding their degree requirements and answer questions pertaining to their progress report. General advisors can also provide information regarding academic policies (i.e. add/drop, course withdrawal, etc.) and submit requests for General Education (GE) equivalencies.
- **Educational Planning.** Students may visit their general advisor to discuss adding a minor and changing their major, as well as to review study abroad plans and their General Education (GE) requirements.
- **Student Support & Performance-based Interventions.** The OAA's general advisors use Starfish as a student management system to monitor their caseload students' academic progress and by providing timely student support in response to flags raised by their instructors in Starfish. General advisors work with students to create an individualized success plan to support their needs within the context of holistic educational planning throughout the semester.
- **Campus-wide Resource Referrals.** General advisors are equipped and positioned to refer students to the appropriate campus resources to

support their individual needs, including the student's faculty advisor, Center for Student Success, Career Resource Center, Psychological Counseling Center, among others.

## Liaison Model

OAA advisors serve as liaisons between the Office of Academic Advising and undergraduate programs across the College. The liaison's role is to support faculty in their role as academic advisors. Faculty advisors in need of support or training are encouraged to communicate directly with their designated liaison.

## Professional Advisors

Students and faculty in the following schools/majors/programs are supported by professional advisors.

- **The School of Business** has its own Center for Business Advising, located in van den Berg Hall, Room 206.  
E-mail: [businessadvising@newpaltz.edu](mailto:businessadvising@newpaltz.edu)  
Phone: (845) 257-2909
- **The School of Education** has its own undergraduate professional advisor, located in Old Main, Room 115A.  
E-mail: [cusackc2@newpaltz.edu](mailto:cusackc2@newpaltz.edu)  
Phone: (845) 257-2805
- **Communication Studies** and **Digital Media & Journalism majors** are served by professional advisor, located in CSB 64.  
E-mail: [heizn@newpaltz.edu](mailto:heizn@newpaltz.edu)  
Phone: (845) 257-3460
- Students in the **Educational Opportunity Program (EOP)** are advised by EOP staff, located in Haggerty Administration Building, Room 19.  
E-mail: [eop@newpaltz.edu](mailto:eop@newpaltz.edu)  
Phone: (845) 257-3220 or (845) 257-3226

<sup>1</sup> Exceptions are noted above, under *Professional Advisors*.

## Center for Student Success

**Location:** Old Main Building, Room B106

**Phone:** (845) 257-3580

**E-mail:** [CSS@newpaltz.edu](mailto:CSS@newpaltz.edu)

**Website:** <http://www.newpaltz.edu/studentsuccess/>

*Our focus is on student learning and student success.*

## Our Mission

The Center for Student Success promotes student learning, academic engagement, and timely degree completion through the coordination of peer-based academic support programs. The Center fosters student persistence and enhanced individualized student outcomes through timely communication between faculty, staff and students.

Through collaborative efforts with faculty, academic departments and student services, the Center provides an inclusive, student-oriented learning environment which stimulates academic engagement and the acquisition of knowledge, skills, and personal attributes in support of lifelong learning.

## Our Student Learning Outcomes

As a result of participation in our services (peer advising, writers' studio, subject tutoring), students will:

- Be able to identify skills and strategies to study effectively, manage time, and set and achieve academic goals.
- Be able to utilize skills and strategies to solve novel problems across academic disciplines and overcome obstacles to learning.
- Gain confidence in their ability to persist in their academic pathway at New Paltz toward a timely graduation.

Students employed at the Center for Student Success (Peer Advisors, Peer Writing Consultants, and Peer Subject Tutors) will:

- Develop a comprehensive set of skills and tools to communicate effectively in order to build rapport, facilitate learning, and work across differences.
- Develop a personal leadership style that leverages individual strengths and guides and motivates peers.

How to Schedule a Session at the CSS

## Our Services

### Writer's Studio

Our Writer's Studio can assist with assignments and other written work at any stage in the writing process. Our Writing Consultants are trained, upper-level undergraduate and graduate peers with diverse majors and experiences.

Our Writing Consultants can assist with any of the following topics:

- reviewing writing prompts or instructions
- brainstorming
- prewriting
- developing an outline
- developing a thesis
- developing a draft
- revising a draft
- assisting with proofreading strategies
- review of final draft
- assist with resource referrals related to citation, grammar, etc.

Sessions at our Writing Studio are one-on-one, 30-minute, student-led sessions at the Center for Student Success. Sessions are limited to one per day and three per week. To get the most out of our sessions, we recommend attending them well in advance of deadlines. Please note that we cannot give class credit or extra credit for attending sessions at this time.

### English Language Learners and ESL Students

The Center for Student Success offers specialized writing support to students who are non-native English speakers. To meet with our Graduate Assistant for this purpose, make an appointment on [my.newpaltz.edu](http://my.newpaltz.edu) under "Center for Student Success - Writer's Studio for English Language learners and ESL Students."

### Peer Advising

Peer Advisors are trained, upper-level students who can help you build academic skills, understand key educational technologies, and utilize campus resources. Our Peer Advisors come from a variety of backgrounds and majors, all with a common interest of helping other students find personal and academic success.

Some topics Peer Advisors can discuss include:

- time management
- creating a study plan for an individual class, all classes or a general schedule
- registration questions and questions about My Schedule Planner
- organization and organizing class materials
- concentration techniques
- tips to avoid procrastination and increase motivation
- specific study techniques such as note taking, textbook reading and memorization
- information about campus resources and how to contact individual offices

Peer Advisors facilitate one-on-one, 30-minute sessions with students throughout the semester. Students can choose to attend one session or a series of sessions to get the assistance they need.

Our Peer Advisors are available for scheduled one-on-one coaching sessions in Old Main, B106, and for drop-in visits in the lower-level lobby of Wooster Hall, Monday-Friday. To view Peer Advisors' availability, log into [my.newpaltz.edu](http://my.newpaltz.edu) and select Center for Students Success.

## Subject Tutoring & Supplemental Instruction

Peer Subject Tutoring at the Center for Student Success provides a collaborative environment where you can come to get help, to work through problems, or to review the material with peers. You can get support with a specific topic or question or just work through the course content with others. Peer Tutors are experienced with the courses and are trained to help you learn effectively. Peer tutoring sessions are in small-group format and take place at the Center for Student Success.

For current tutoring coverage, visit the [Subject Tutoring & Supplemental Instruction web page](#). Students enrolled in classes with tutoring services can make an appointment by going to the "Center for Student Success" tab in [my.newpaltz.edu](http://my.newpaltz.edu). For questions, please email [css@newpaltz.edu](mailto:css@newpaltz.edu).

## STAR-NY Online Tutoring Service

STAR-NY provides free, one-on-one, online tutoring in various subjects for enrolled SUNY New Paltz students. Subjects include Introductory Psychology, Economics, Accounting, Biology, Chemistry, and some Mathematics courses. To view availability and get more information, please see the [STAR-NY website](#). Tutoring is generally offered from 7 pm-12 am most evenings.

If you encounter problems with the website, or have any questions, please e-mail [onlinetutoring@starny.org](mailto:onlinetutoring@starny.org).

# Honors Program

**Location:** CH-H 111

**Phone:** 845-257-3456 (Director)

**E-mail:** [sullivanp@newpaltz.edu](mailto:sullivanp@newpaltz.edu) (Dr. Pat Sullivan, Director)

**Web address:** <https://www.newpaltz.edu/honors/>

## About

The Honors Program is not just about academics, though that is certainly our focus. We are interested in creating an experience that is both challenging and rewarding. Therefore, in addition to offering seminars attended by interested students and enthusiastic professors, we offer camaraderie and a venue for rest and relaxation. The Honors Program allows you to join a network of students and professors who are committed to the life of the mind but are also interested in different and active ways of learning. Being an honors student is about being motivated and involved in multiple facets of the college life.

The Honors Program consists of around 320 students. Once admitted to the program, students take special Honors seminars, which are interdisciplinary and small in size (usually around 15 students). Unlike traditional lecture courses, Honors seminars emphasize dialogue and non-lecture based learning; students are expected to come to class with something to say and to actively participate in debate and discussion.

## Mission

The mission of the Honors Program is to provide an enhanced intellectual experience in a climate conducive to interaction among highly motivated students and faculty. This experience will seek to develop and intensify skills from a conceptual point of view in a diverse, multidisciplinary analytical environment that nurtures independent thinking, creativity, respect and social responsibility.

## Goals and Outcomes

### Goals

- To build and sustain a diverse community that reflects the student body of the campus.
- To integrate this scholarly community within the larger campus.
- To promote deep engagement with ideas through innovative pedagogy and creative, interdisciplinary curriculum.
- To nurture intellectual leadership as well as a sense of social responsibility and civic engagement - on campus, in the village, within the state, or, ideally, internationally.

### Learning Outcomes

- To demonstrate excellence in analysis and problem solving skills.
- To demonstrate an ability to theorize using interdisciplinary processes.
- To develop communication skills (oral, written, collaborative).
- To develop skills to communicate with general and specialized audiences.
- To practice and reflect on civic engagement.

## Program Requirements

Honors students must:

- Maintain a GPA of 3.3 in order to stay in the program.
- Complete 40 hours of community service before graduation.

- Take the introductory course HON201 The Individual and Society (required for first-year students entering the program).
- Take at least 4 Honors seminars before graduation.
- Complete a Senior Thesis or Project and present it in a public forum.

## Seminar/Course Requirements and Schedule Planning

Honors Program seminar requirements vary based on when a student is accepted into the program. Beyond HON201 The Individual and Society (the mandatory seminar for first-year students entering the program), the Honors Program offers students the flexibility to take their seminars when it is conducive to their schedule. Interdisciplinary seminars change every semester, and most fulfill General Education requirements. Enrollment in Honors seminars is limited to 15 students to ensure direct and regular interaction with professors and engage in active discussion during class sessions.

Honors-designated major courses are meant to engage Honors students with the course material on a deeper level. Honors students in these courses do additional work to receive Honors Program credit.

Below is a breakdown of how many seminars each class is required to take and the ways in which they can complete this requirement.

### Incoming Freshmen

Four seminars are required:

- Mandatory seminar, HON201 The Individual and Society
- The remaining three classes may be taken as follows:
  - 3 additional Honors seminars or
  - 1 Honors Seminar & 2 Honors Designated Courses<sup>1</sup> or
  - 2 Honors Seminars & 1 Honors Designated Course or
  - 2 Honors Seminars & Study Abroad or
  - 1 Honors Seminar, 1 Honors Designated Course & Study Abroad

### 2nd-Semester Freshmen and 1st-Semester Sophomores

Four seminars are required and may be taken as follows:

- 4 Honors Seminars or
- 3 Honors Seminars & 1 Honors Designated Course<sup>1</sup> or
- 2 Honors Seminars & 2 Honors Designated Courses or
- 3 Honors Seminars & Study Abroad or
- 2 Honors Seminars, 1 Honors Designated Course & Study Abroad

### 2nd-Semester Sophomores

Three seminars are required and may be taken as follows:

- 3 Honors Seminars or
- 2 Honors Seminars & 1 Honors Designated Course<sup>1</sup> or
- 2 Honors Seminars & Study Abroad or
- 1 Honors Seminar, 1 Honors Designated Course & Study Abroad

### Juniors

Two seminars are required and may be taken as follows:

- 2 Honors Seminars or
- 1 Honors Seminar & 1 Honors Designated Course<sup>1</sup> or
- 1 Honors Seminar & Study Abroad

<sup>1</sup> The correct section number must be taken for the class to count.

## Learn More

Visit the [Honors Program website](#), or email or call to arrange a [visit to the Honors Center](#).

[Dr. Pat Sullivan, Director \(sullivanp@newpaltz.edu\)](mailto:sullivanp@newpaltz.edu): (845) 257-3456  
[Alicia Ivan, Administrative Assistant \(ivana@newpaltz.edu\)](mailto:ivana@newpaltz.edu): (845) 257-3933



## Financial Information & Policies

- [Tuition & Fees](#) (p. 24)
- [Financial Aid](#) (p. 28)
- [Student Loan Code of Conduct](#) (p. 37)
- [Veteran & Military Services](#) (p. 38)

## Tuition & Fees

The Office of Student Accounts is responsible for the invoicing and subsequent collection of tuition, fees, room, board and other tuition-related charges in a manner consistent with the policies and procedures set forth by SUNY System Administration.

## Contact Information

### Mailing address:

Office of Student Accounts  
State University of New York at New Paltz  
400 Hawk Drive  
New Paltz, NY 12561-2438

**Campus Location:** Wooster Hall 114

**Telephone:** (845) 257-3150

**Fax:** (845) 257-3495

**E-mail:** [stuacct@newpaltz.edu](mailto:stuacct@newpaltz.edu)

**Website:** [https://www.newpaltz.edu/student\\_accounts/](https://www.newpaltz.edu/student_accounts/)

## Tuition

Tuition is charged for all credit-bearing courses. The rate of tuition is based upon the number of registered credits a student has, the student type (undergraduate or graduate), and the student's residency status.

Each student is billed only for those courses for which they have actually registered at the time the bill is created. If a student is on a wait-list for a course, these credits are not included in their credit total and will not be billed at this time. It is the student's responsibility to follow up with the appropriate new payment when their registration becomes finalized and wait-listed classes are actual registered classes.

An updated semester bill will be available on the student's *my.newpaltz.edu* account. Charges for courses added after the beginning of the semester are due immediately upon registration. To avoid late penalties, students must log on to their individual *my.newpaltz.edu* account to confirm and accept their financial responsibility for the semester bill and to make any necessary payments or payment arrangements.

\*\*\*Rates Are Subject To Change Without Prior Notice\*\*\*

## Undergraduate Tuition & Fees

### Full-time Enrollment (12 credits or more)

#### In-State

Tuition	\$3,535 per semester (\$295 per credit)
Fees	\$726.75 (details below)
Total per semester	\$4,261.75
Total per year	\$8,523.50
<b>Out-of-State<sup>1</sup></b>	

Tuition	\$8,490 per semester (\$708 per credit)
Fees	\$726.75 (details below)
Total per semester	\$9,216.75
Total per year	\$18,433.50
<b>Online Out-of-State<sup>2</sup></b>	
Tuition	\$4,240 per semester (\$353 per credit)
Fees	\$726.75 (details below)
Total per semester	\$7,019.50
Total per year	\$14,039.50
<b>Excelsior</b>	
Tuition	\$3,535 per semester (\$295 per credit)
Fees	\$726.75 (details below)
Total per semester	\$4,261.75
Total per year	\$8,523.50

<sup>1</sup> Visit the Office of Student Accounts website for [information about New York State residency](#), including applying for NYS residency and guidelines for determining residence/eligibility for resident tuition.

<sup>2</sup> The Online Out-of-State rate applies to non-resident students taking online courses exclusively in programs previously approved by the Office of Academic Affairs and registered for distance-education delivery by the New York State Education Department. Students who, at the time of application and matriculation, intend to take courses in these programs exclusively online will be charged this special rate. Non-resident students who are not in one of the authorized programs or who plan to be on campus learning in one of these programs will be charged the regular non-residential rate.

## Fees

The SUNY Board of Trustees has authorized each state-operated campus to charge the following mandated fees<sup>1</sup> to all students for the continuing operation of the below noted programs:

- **College Fee** (\$25.00 per semester / \$1.70 per credit): A mandatory fee for the support of student administrative services.
- **Student Services Fee:** A combination of the following four mandatory fees:
  - **Technology Fee** (\$215.75 per semester / \$17.98 per credit): For the continuing enhancement and implementation of technology across campus. This fee is billed at a flat rate to all students during the fall and spring semesters.
  - **Health Center Fee** (\$156.00 per semester / \$13.00 per credit): For the operation of the Student Health Center (please note that this is *not* health insurance).
  - **Student Activity Fee** (\$105.00 per semester / \$8.75 per credit): Approved by the student body for the operation of all college student activities.
  - **Athletic Fee** (\$225.00 per semester / \$18.75 per credit): For the operation of the intercollegiate athletic program
- **Other Fees**
  - **Gift to the Fund for New Paltz** (optional: \$20.00): Join the nearly 8,000 students, parents, friends, and alumni who, with their generous gifts, help create the New Paltz Experience. By donating \$20.00 to the [Fund for New Paltz](#), you will help

support the programs that enrich the experience of each student and our entire community, including events and lectures on campus, membership in the [Orange & Blue Network](#), and other opportunities provided by the SUNY New Paltz Foundation and the Office of Development & Alumni Relations.

- **Course Fees:** Certain courses have been approved to charge laboratory or material fees. Check the course catalog or schedule of classes for more information.
- **Housing Charge (Room Rent):** This is billed to all students living on campus. *Double: \$5,233; Single: \$6,646; Superior Single: \$7,849.*
- **Meal Plan:** All students living on campus are required to have a meal plan. Please refer to the [Campus Auxiliary Services website](#) regarding the various meal plans available.
- **Health Insurance:** All students enrolled in at least 12 credits are required to have some form of personal health insurance. The College generally bills students for health insurance on the fall semester bill, unless a student's first full-time semester at SUNY New Paltz occurs in the spring semester. This fee may be waived if the student is covered under his/her family's policy or has a personal policy. The student must provide proof of that coverage using the online waiver form on their [my.newpaltz.edu](#) account. The waiver must be submitted by the end of the second week of the semester. *Waiver requests submitted after the deadline will not be honored.* All international students registered at SUNY New Paltz must accept the **Foreign Health Insurance** offered by the university (\$1,075.45 per semester).
- **Study Abroad Overseas Health Insurance (\$418.60 per semester):** SUNY System policy requires that any student enrolled in a SUNY Study Abroad program must have this insurance coverage. Students who believe that they have comparable coverage may apply for a waiver through the [Center for International Programs](#). Waivers must be submitted no later than the second week of the current semester.
- **Late Registration:** A student may register for the first time with the written permission of the instructor and department chair (see [Academic Calendar](#) for specific dates). *The fee is \$40.00 or, for balances less than \$1,000, up to \$30.00.*
- **Course Change (\$20.00):** Adding/dropping courses after the second week of classes will result in a Course Change Fee (see [Academic Calendar](#) for specific dates).
- **Administrative Fee and Late Payment Fees:** Penalties may be assessed on a student's account when payment or payment arrangements have not been made with the Office of Student Accounts by the stated due date on the semester bill. *The fee is up to \$40.00 for balances between \$1,000 and \$1,999.99, up to \$50.00 for balances of \$2,000 and above.*
- **Returned Check Fee (\$20.00):** Checks that are returned by a student's bank will incur this fee.
- Please note that all charges and fees are subject to change without prior notice.

## Financial Responsibility and Confirming Enrollment

Students accept their financial responsibility upon registration (see [Financial Responsibility Statement](#)) and confirm enrollment prior to the start of the semester. The Confirmation of Enrollment is available to students who pay at least 50% of their bill or accept a [time payment plan](#). The Confirmation of Enrollment is available in [my.newpaltz.edu](#) starting:

*Fall semester:* August 1

*Winter session:* December 1

*Spring semester:* December 1

*Summer session:* May 1

Visit the Office of Records & Registration's website for more information about [financial responsibility acknowledgment](#), including [Frequently Asked Questions](#).

## Billing Information

All billing is posted online through the students' [my.newpaltz.edu](#) accounts. We do not mail paper bills.

1. Accept your financial responsibility (see above) and register for your classes.
2. Check your SUNY New Paltz email account for an alert that your invoice is available for viewing online.
3. Log on to your [my.newpaltz.edu](#) portal.
4. Make sure the Student tab is selected at the top.
5. Find the list of Resources on the left, and click Money.
6. Click the Payment Center link under Student Accounts to pay your semester's invoice. Please note that you must pay at least 50% of your current charges or enroll in the New Paltz Time Payment Plan in order to confirm enrollment and gain access to Brightspace.
7. [Confirm enrollment](#) prior to the start of the semester.

*Due to FERPA guidelines, permission must be granted by the student to discuss account-specific billing information, financial aid, and/or a student's academic record with any third party, including parents or guardians. Thus, the Office of Student Accounts cannot discuss information about a student's account with anyone other than the student unless an [Information Release Waiver](#) is on file. The waiver is accessible through the student's [my.newpaltz.edu](#) account.*

## Making Payments

Students may make payment in the following ways.

- **Online:** You may pay online using VISA, MasterCard, American Express, or Discover. We also accept ACH check payments using your account and routing numbers. You can store your information on our Payment Center for greater convenience. International payments can be made via Flywire. Flywire can be accessed in your Payment Center at [my.newpaltz.edu](#).
- **In Person:** You may stop by the Office of Student Accounts in Room 114, Wooster Hall, 9 a.m. to 5 p.m. (10 a.m.-5 p.m. on Wednesdays). You may pay using cash, check, traveler's check, certified check, or postal money order payable to SUNY New Paltz, or by VISA, Discover, American Express, or MasterCard. If you are using a 529 College Savings Plan, please have the check made out to SUNY New Paltz. Make sure that the student's name and identification number are on the check and have it mailed to the Office of Student Accounts, SUNY New Paltz, 400 Hawk Drive, New Paltz, NY 12561.
- **Electronic Funds Transfer (EFT):** Students may arrange to make electronic payment via Flywire through [my.newpaltz.edu](#). The student initiates the transfer, and Flywire converts the currency to U.S. dollars and transmits the payment to the university. The student's account is automatically credited when the funds are received. Please be aware that additional costs such as currency exchange rates and credit card service fees may be incurred for international transactions. Total costs are displayed when selecting your payment method in Flywire.

If you have any questions about your invoice, please contact the Office of Student Accounts *before making payment*.

New Paltz Time Payment Plan

The New Paltz Time Payment Plan allows you to make equal monthly payments toward the cost of tuition, fees, and on-campus room and board during the fall and spring semesters. (The payment plan is not available during summer session due to its short duration.) By utilizing the Time Payment Plan, you and your family can incorporate the cost of college into the family budget for up to five months (please refer to published enrollment deadlines). This is not a loan. There is no interest charged. There are no hidden costs. Just add the \$30.00 application fee to your initial down payment. Even if you are receiving scholarships or some financial aid, you may enroll in the Time Payment Plan. It is an easy way to pay the balance of your bill that is NOT covered by aid or other resources. As long as the amount due exceeds \$500 for the semester, you may enroll in the Time Payment Plan for the balance. Log in at *my.newpaltz.edu* to enroll and to view your payment plan online.

Deadlines and Late Fees

As noted above, students accept their financial responsibility upon registration. Once registered, students must confirm their enrollment prior to the start of the semester, as well as make payment arrangements (see above).

Payment arrangements for the fall and spring can include enrollment in the Time Payment Plan; proof of external funding through a 529 Plan or a scholarship; Access VR benefits, and/or approved tuition waivers.

Note that Work Study awards are not considered "external funding" for payment purposes and should not be deducted from the invoice total. Work Study funds are paid directly to students for work performed and cannot be applied to any university fees.

*All Student Accounts notifications regarding a student's invoice will be sent to the student's newpaltz.edu e-mail.*

*Charges that are incurred after the first day of classes must be paid within 24 hours. Students who have not made proper payment arrangements toward their balance may be subject to late fees, holds, deregistration, and/or eventual referral to an outside collection agency.*

Cash Transactions of \$10,000 or More

According to IRS publication 1544, SUNY New Paltz is required to report all cash payments in excess of \$10,000 made in a single transaction, or two or more related transactions, to the IRS Financial Crimes Enforcement Network (FinCEN). Please be advised that the receipt of cash in excess of \$10,000 in a single transaction, or two or more related transactions, from the same person (or agent) received within a 12-month period will be reported.

An IRS Form 8300 (Reporting of Cash Payments Over \$10,000 Received in a Trade or Business) must be filed by the 15<sup>th</sup> day subsequent to the transaction that causes the total cash payment(s) to exceed \$10,000. The following procedures have been established to ensure SUNY New Paltz is in compliance with this Federal regulation:

- 1. At the time of the transaction, the SUNY New Paltz department representative who received payment completes IRS Form 8300.
- 2. By the end of the day in which payment was received, the SUNY New Paltz department representative who received payment notifies Accounting Services via email that the transaction took place

and that IRS Form 8300 has been completed. The department representative forwards Form 8300 to Accounting Services no later than the following business day.

- 3. Within 14 days of posting payment, Accounting Services reviews Form 8300 and files it with the IRS and FinCEN.
- 4. Accounting Services maintains a copy of the completed Form 8300 for at least 5 years from the date of the transaction.

Tuition Refund Policy

Students who drop a course before the end of the fourth week of a semester will receive a refund for their tuition and student service fee dependent on the date of the course withdrawal. For students who are leaving the university, this is the date that a properly completed "Leave of Absence" or "Withdrawal from School" form is received by the Office of Student Accounts. The exception to the refund policy is the College Fee, which is non-refundable as of the official first day of the semester. For the fall semester, students will receive a refund for the following percentages of tuition, based on the official first day of class.

Refund Dates (Fall 2023)

Monday, August 28	First day of classes
Sunday, September 3	End of 100% tuition refund
Sunday, September 10	End of 70% tuition refund
Sunday, September 17	End of 50% tuition refund
Sunday, September 24	End of 30% tuition refund
Monday, September 25	Full tuition liability

Please refer to the Academic Calendar for other important dates.

If the student's semester invoice is paid in full at the time financial aid is applied, the student will receive a refund. If the student initially paid for the course with a credit card, the refund will be applied to the credit card that was used to make the payment. All other refunds will be paid by EFT deposit to the student's bank account, as set up in BankMobile. Failure to set up a BankMobile account may cause a delay in your refund. If the initial payment was made by check, a 30-day hold from the date the payment was received is in effect before a refund can be issued.

*The amount of financial aid a student qualifies for can be affected when a student decreases their credit load, even if the university has received the financial aid funds. In some cases, a student who drops classes may owe more money because of a reduction in the student's aid.*

Students who need to add or drop courses are strongly encouraged to do so by the end of the official first week of the semester.

After the end of the official first week of the semester, students who "switch" classes (drop one class and add another class during the same day, maintaining the same number of credits) will not incur additional tuition charges. However, students who drop a class one day and add another class on a different day *will* incur additional tuition and fee liability.

Dropping courses after the end of the first week of the semester can be costly, so students need to plan their schedules carefully and take care of any changes during the first week of the semester.

*Note:* Total tuition charges for a semester will not exceed the maximum allowed by SUNY for undergraduate or graduate studies.

A student who is dismissed for academic or disciplinary reasons prior to the end of an academic term shall be liable for all tuition and fees due for that term.

### Special Circumstances (CBC)

Notwithstanding any other provisions for refund, when a student has withdrawn through circumstances beyond the student's control, under conditions in which the denial of refund would cause undue hardship, the campus President or designee may, in their discretion, determine that no liability for tuition has been incurred by the student, *provided the student has not completed more than one-half of the term* and has not received, or will not receive, academic credit for the term, and that the request for refund is made within one year after the end of the term in question. Such action, including the reason therefor, shall be in writing and signed by the president or designee and retained by the campus. *Please be aware that all classes must be withdrawn from by the mid-point of the semester to be considered for the CBC.*

### Additional Refund Information

Refunds are issued when the total amount of Financial Aid exceeds the charges on a student's account. When this happens, Student Accounts will issue a refund of the credit balance to the student. In cases where the credit is generated by a parent PLUS loan, the refund be issued to the borrower.

In most cases, credit balances are derived from a combination of New York State grants, such as TAP and the SUNY Tuition Credit, and Federal Title IV aid, which includes Pell and FSEOG grants and direct subsidized, direct unsubsidized and PLUS loans.

When the combination of all these awards exceeds the invoice amount, a refund is generated and issued to the student within 14 days.

## Outstanding Balances

*New York State Finance Law Section 18*

### Failure to Pay the Debt Described Below Will Result in an Increase in Your Liability

This section is in relation to any debts due to SUNY New Paltz (State University of New York at New Paltz). Failure to pay any debt in full within thirty days of the deadline will result in the assessment of interest or a late payment charge, whichever is greater.

Interest will be assessed from the date of your presumed receipt of notice (primarily via electronic billing, e-mail notifications, and subsequent collection letters) at the corporate underpayment set by the Commissioner of Taxation and Finance minus four percent. Interest will be compounded daily on your principal balance.

To avoid assessment of interest or a late payment charge, you should pay the amount due in full on or prior to the deadline. In addition, should you fail to pay this debt in full within ninety days of your deadline, a collection fee equal to 22% of the outstanding debt, including interest, may be added to the amount which you owe.

Please write your account number on all checks or correspondence and make checks payable to SUNY New Paltz. Please provide written notification regarding any change of name or address. If you are replying by mail, please include your current phone number.

## State Debt Collection Laws Affecting All Past Due Debts Owed to the State Of New York

Certain State laws that became effective on January 1, 1993 have granted additional enforcement powers to New York State agencies for collection of non-tax debts. If you have a current or outstanding debt with the State, you are strongly urged to settle this matter immediately.

### Important Provisions

- *Interest or Penalty on Overdue Non-Tax Debt (State Finance Law §18):* State agencies are authorized to assess interest or late payment penalty charges on overdue debts.
- *Collection Fee (State Finance Law §18):* State agencies may charge collection fees to cover the estimated costs of processing, handling, and collecting delinquent debts. The amount can be as much as 22% of the outstanding debt.
- *Referral of the Debt to the Tax Department (State Tax Law § 171-f):* State agencies are authorized to certify to the Department of Taxation and Finance that past-due legally enforceable debts should be offset against any tax refunds, contracts, or other State payments.
- *Authority Not to Renew (State Executive Law §32):* State agencies are authorized not to renew licenses, permits, etc., if an individual or business owes an overdue debt to those agencies.
- *Returned Check Charge (State Finance Law §19):* State agencies are authorized to charge a returned check fee when a check is dishonored.
- *Authority to Deny Registration (§ 302.1 (j) of Chapter V, Title 8 of the Official Compilation of Codes, Rules and Regulations):* No person shall be allowed to re-register until all tuition, fees and all other charges authorized by SUNY have been paid or SUNY student loan obligations have been satisfied.



## Financial Aid

The mission of the **Office of Student Financial Services** is to provide aid and advisory services to students and families seeking resources to achieve educational goals and to support SUNY New Paltz's recruitment, enrollment, and retention objectives while maintaining regulatory compliance. Additional information, including a [Financial Aid Advising Guide](#), can be found on [Student Financial Services' website](#).

## Contact Information

**Campus Location:** Wooster Hall 124

**Phone:** (845) 257-3250

**Fax:** (845) 257-3568

**E-mail:** [fao@newpaltz.edu](mailto:fao@newpaltz.edu)

**Website:** [www.newpaltz.edu/financialaid](http://www.newpaltz.edu/financialaid)

To submit financial aid documentation, please fax information to 845-257-3568, or scan documents and e-mail to [faodocuments@newpaltz.edu](mailto:faodocuments@newpaltz.edu).

### Mailing Address:

State University of New York at New Paltz  
Office of Student Financial Services  
200 Hawk Drive  
New Paltz, NY 12561-2437

## How to Apply for Financial Aid

See *A Minute to Learn It - Applying for Financial Aid* and other video resources on [Student Financial Services' website](#).

1. **Create a Federal Student Aid (FSA) ID:** The FSA ID is used to access several websites for Federal Student Aid and acts as an electronic signature. First-time filers, and at least one parent in the household for dependent students, should create an FSA ID. Create an account at [StudentAid.gov](http://StudentAid.gov). The FSA ID is confidential and should not be shared with anyone.
2. **Complete the FAFSA:** Complete the Free Application for Federal Student Aid (FAFSA) at [StudentAid.gov](http://StudentAid.gov). Students should complete the FAFSA as close as possible to October 1, preferably no later than March 1, to have the best chance to receive all financial aid funding available at SUNY New Paltz. Remember to include SUNY New Paltz as one of your school selections (Federal Code 002846). After completion of the FAFSA, a confirmation email from FAFSA will be sent so you can review the results and make any changes, if needed. Contact the Federal Student Aid Information Center at 800-433-3243 with questions regarding the FAFSA.
3. **Complete the TAP/NYS Student Aid Payment Application:** New York State residents have the opportunity to apply for the Tuition Assistance Program (TAP). After completing the FAFSA, select the link to the state aid application on the FAFSA Confirmation page. If you miss this link, complete the TAP application directly through [Higher Education Services Corporation \(HESC\)](#). The SUNY New Paltz School Code is 0925. Contact HESC at 888-697-4372 with questions regarding NYS grants and scholarships.
4. **Apply for the Excelsior Scholarship** (first-time Excelsior applicants only): New York State residents can learn more about this scholarship opportunity including program requirements, application deadlines, and guidelines for maintaining this scholarship at [HESC's Excelsior web page](#). The Excelsior Scholarship application typically becomes available for new applicants in mid-spring for the fall semester.

The best way to keep informed about application availability and deadlines is to sign up for email alerts on the HESC website.

5. **Review Financial Aid Eligibility Notification:** The Office of Student Financial Services will begin notifying prospective students of their estimated financial aid eligibility in mid-February. Students with a completed FAFSA application, with all requested documentation submitted and processed, will begin receiving their actual Financial Aid Packages by email after the deposit deadline in early May. Financial aid can be accepted/declined on the student's [my.newpaltz.edu](mailto:my.newpaltz.edu) account.

Students and/or parents planning to apply for Federal Direct Loans will need to complete applicable loan requirements at [StudentAid.gov](http://StudentAid.gov) before a loan can disburse.

*Students will be notified via their New Paltz e-mail account if they need to submit additional documents before financial aid determination can be made.*

## Tips

- Apply for financial aid early.
- Use the IRS Data Retrieval Tool when completing the FAFSA to pull accurate tax data directly from your tax return into your FAFSA.
- Be sure to file the correct FAFSA for the correct academic year.
- Contact a Financial Aid Administrator if you have unusual circumstances.
- Check your New Paltz e-mail account – all important communications are e-mailed there.
- Organize your financial aid materials. Remember, you will need to use the FSA ID in subsequent years.
- Keep your local and permanent address up to date on your [my.newpaltz.edu](mailto:my.newpaltz.edu) account.
- Eligibility for federal aid is determined by the results of the submitted FAFSA.

Stay on track! Refer to our [Financial Aid Checklist](#) to see what's next for financial aid.

## General Eligibility Criteria

Basic requirements for Title IV aid:

- Be enrolled at least half-time (except for Pell in some cases)
- Be a U.S. citizen or eligible non-citizen
- Have a valid social security number
- Maintain Satisfactory Academic Progress
- Not in default of any loan or owing repayment on a Federal Grant
- Demonstrate financial need (if applicable)
- Have a high school diploma or equivalent
- Be accepted into a degree-granting or approved certificate program

## 2023-2024 Verification

Verification is the process of comparing the information reported on the Free Application for Federal Student Aid (FAFSA) with information on your tax returns and other financial documents and making corrections as necessary. SUNY New Paltz uses the verification process to check for accuracy of FAFSA data. The purpose is to reduce error rates in applicant-reported data and to ensure eligible applicants receive the correct amount of financial assistance. *It is a requirement under federal financial aid regulations.*

The Federal Central Processing Center (CPS) selects financial aid applicants for verification and targets the verification of error-prone data items. When using FAFSA online, students and the parents of dependent students who indicate they already completed federal income tax returns are eligible to retrieve income data directly from the Internal Revenue Service (IRS) with the IRS Data Retrieval tool. This time-saving process allows eligible financial aid applicants and the parents of dependent students to access their IRS tax record and to retrieve, directly from the IRS, certain data and information from income tax returns and to automatically transfer that information to the FAFSA application. SUNY New Paltz may also select an applicant if there appears to be conflicting or inconsistent information on the application.

See [2023-2024 Verification](#) for more information about the process, including required documentation and links to verification resources.

## Types of Aid

### Student Loans

#### Undergraduate Federal Student Loans

- **Eligibility:** Matriculated undergraduates must file the FAFSA to qualify for federal student loans, also known as subsidized and/or unsubsidized loans. Undergraduates must be enrolled for 6 credits or more per semester to be eligible and must be making satisfactory academic progress towards their degree. Note that non-matriculated students are not eligible for loans.
- **Requirements:** First-time borrowers are required to complete a Master Promissory Note (MPN) and Entrance Counseling on the Federal website [StudentAid.gov](https://studentaid.gov). Login using your FSA ID to satisfy both requirements.
- **Yearly Loan Amounts for Dependent Undergraduates**
  1. 0-29 credits: \$5,500 (no more than \$3,500 of this amount may be subsidized)
  2. 30-59 credits: \$6,500 (no more than \$4,500 of this amount may be subsidized)
  3. 60+ credits: \$7,500 (no more than \$5,500 of this amount may be subsidized)
  4. Aggregate total of \$31,000 (no more than \$23,000 of this amount may be subsidized)
- **Yearly Loan Amounts for Independent Undergraduates (or dependent students with a Parent PLUS denial)**
  1. 0-29 credits: \$9,500 (no more than \$3,500 of this amount may be subsidized)
  2. 30-59 credits: \$10,500 (no more than \$4,500 of this amount may be subsidized)
  3. 60+ credits: \$12,500 (no more than \$5,500 of this amount may be subsidized)
  4. Aggregate total of \$57,500 (no more than \$23,000 of this amount may be subsidized)
- **Loan Fees & Rates:** The 2023-2024 interest rates for subsidized and unsubsidized loans<sup>1</sup> effective July 1, 2023 is **5.50%**. The origination fee is 1.057%. Origination fees are taken out of the loan before dispersal.
- **Repayment:** Repayment begins 6 months after the student graduates or falls below half-time. Standard repayment is ten years. *If you have any questions about federal loan repayment, do not hesitate to contact your servicer.* They have been contracted by the Department of Education to help you! You can ask them questions about the

varying payment plans, interest, etc. Also, if you are having a hard time making your payments after graduation, you'll want to contact them to discuss it. There may be options for you so that you can avoid ruining your credit with late or skipped loan payments.

For more information on repayment and repayment plans, please visit the [Federal Student Aid site](#).

<sup>1</sup> Subsidized means interest will NOT accrue while enrolled in college at least half-time, while unsubsidized means interest will accrue while enrolled. Your ratio of subsidized to unsubsidized loan eligibility is based on your FAFSA results, and not everyone qualifies for a subsidized loan.

### Alternative/Private Student Loans

Alternative student loans (also known as "private loans") are educational loans obtained from various financial institutions. The federal government does not guarantee them and interest generally begins to accrue from the date of disbursement. It's important to know that you cannot consolidate federal and private loans together. Alternative loans usually require a co-signer unless the student applicant can prove substantial income and credit-worthiness. The student may borrow up to the cost of education less all other financial aid received. The student cannot borrow more than the cost of attendance regardless of the amount the lender has approved.

To ensure the integrity of the student aid process and ethical conduct of employees in regard to student loan practices, SUNY New Paltz aid officers do not recommend lenders.

#### Applying for an alternative loan

1. You may apply for a loan from any lender of your choice. Due to the large number of lenders with various terms and rates, students are encouraged to carefully review, compare and contact lenders with any questions.
2. After completing your loan application, your lender will review the application and complete a credit check. You may also be required to complete a self-certification form that discloses important information regarding the terms of your private loan.
3. The lender will send SUNY New Paltz a request for certification of your eligibility status.
4. SUNY New Paltz will certify the loan request from the lender. You will then be able to see the loan as part of your revised aid package on your [my.newpaltz.edu](https://my.newpaltz.edu) account.
5. The lender will issue final approval for the loan.
6. Upon receipt, the funds will be applied to the student's account and any remaining credit balance refunded to the student. The entire application process can take approximately 4-6 weeks.

An alternative student loan can help students who have a past-due balance. This includes students who:

- Have an existing balance to pay for an enrollment period within the past 365 days.
- Are taking one or just a few classes or attending less than half-time.
- Are seeking a professional certification or enrolled in a continuing education program.
- Are a U.S. citizen enrolled in a foreign institution or study abroad program.
- Are a non-U.S. citizen student, including Deferred Action for Childhood Arrivals (DACA) students, attending a school located in

the U.S. with a credit-worthy cosigner (who is a U.S. citizen or U.S. permanent resident).

[Need a loan to help pay for college? Compare Federal and Private Student Loans!](#)

## Parent Loans

The student's biological parent (or, in some instances, step-parent) can apply for a [Federal Direct Parent PLUS Loan](#). To do so, the parent borrower must complete the [PLUS Loan Application](#). An application must be completed each year for which a parent wishes to borrow a PLUS Loan.

Upon submission of the PLUS application, a credit check will be performed. A parent must not have adverse credit history to qualify for the PLUS Loan. The parent borrower will choose to begin payments 60 days after the final disbursement for the academic year or defer repayment until 6 months after the student graduates or falls below 6 credits of enrollment.

Upon approval of the PLUS Loan, a first-time borrower will be directed to complete the Master Promissory Note (MPN). The PLUS Loan interest rate is fixed and the interest rate for the 2023-2024 year is 8.05%. The Federal Direct Loan origination fees for a Parent (PLUS) Loan is 4.228%.

Interest begins to accrue after the loan disburses to the student's account. The PLUS Loan will disburse in equal amounts split between fall and spring semesters unless otherwise noted on application. The maximum PLUS Loan eligibility for an academic year is the [Cost of Attendance](#) less other student aid as detailed in the student's financial aid package. If the Parent Loan credit check is denied, the applicant can appeal or add an endorser. If the Parent Loan is denied, the student can email [fao@newpaltz.edu](mailto:fao@newpaltz.edu) and request additional federal direct unsubsidized loan (increase of up to \$4,000 annually for first- and second-year students and up to \$5,000 annually in years 3 and beyond). If you need assistance with any part of the Parent Loan application process, please contact the Applicant Services Department at (800) 557-7394.

## Grants

If you have filed the appropriate application, you will be automatically packaged with any of [the below-mentioned grants](#) that you are eligible for.

### Pell Grant

The Federal Pell program provides assistance in the form of a grant to matriculated undergraduate students who have not earned a prior undergraduate degree. Pell eligibility is determined by the Expected Family Contribution (EFC) calculated from the information provided on the FAFSA. The 2023-2024 awards range from \$750 to \$7,395 for full-time enrollment for two semesters. The amount of the Pell Grant may be prorated based on a student's enrollment status. Students may not receive Pell Grant funds from more than one school at a time.

Students who are eligible for a refund from the Pell Grant may make arrangements with the Office of Student Accounts for a credit (Hawk Dollars) for the purchase of books.

All students are limited to receiving Pell for a maximum equivalent of twelve full-time semesters or six years, inclusive of any prior years. See [Pell Grant Lifetime Eligibility](#) for details of the regulations.

Pell-eligible students whose parent or guardian died as a result of military service in Iraq or Afghanistan after September 11, 2001 will receive the maximum award amount for the year. You must be under 24 years old and enrolled at least part-time at the time of your parent's or guardian's death.

### Year-Round Pell

Students may be eligible to receive up to 150 percent of their Scheduled Award for an award year. This provision is called "Year-Round Pell" because it allows students to receive additional Pell funds, often in summer terms. For example, let's say a student receives a Pell Grant of \$5,000 (\$2,500 each semester). If enrolled for Summer Session, that student is eligible to receive up to \$2,500 in additional Pell funds for the summer term. Note that students who are eligible for Year-Round Pell awards are still subject to normal Pell Grant duration of eligibility and LEU (Lifetime Eligibility Used) limits.

### Pell Recalculation Rate

Federal Guidelines require Title IV-eligible institutions to establish a Pell Recalculation Policy. The Office of Student Financial Services sets a Pell Recalculation Date (PRD) for each semester. The PRD is the date upon which the student incurs full tuition liability. On the established PRD, a student's Pell Grant eligibility is locked for the semester based on their enrollment status as of that date. Generally, any changes in enrollment status after the PRD will not increase or decrease a Pell award.

*Please note:*

- Students who withdraw from college may be subject to a recalculation of all federal aid based on the amount of time attended.
- Students adding additional courses late in the semester will not be eligible for an increased Pell Grant if the coursework is added after the PRD.
- Federal regulations require recalculation of Pell eligibility if the student fails to begin attendance in any coursework used to calculate a Pell Grant, even if it occurs after the PRD.

### Tuition Assistance Program (TAP)

TAP is a New York State grant entitlement program for residents of the State. Applicants must be enrolled in at least 12 credits per semester and matriculated in an approved New York State post-secondary program. Awards range from \$500 to \$5,665 for undergraduates. A FAFSA must be filed first in order to receive the TAP application link online. The TAP application is also used to apply for other New York State grant programs and scholarship awards.

Visit the [Higher Education Services Corporation \(HESC\) website](#) for additional information on TAP.

### Estimated TAP Grant

There are several reasons why your award package may include an estimated TAP grant rather than an actual grant amount. Estimated TAP grants indicate that action is required on your part. For more information, visit the [HESC website](#) or call (888) NYS-HESC.

### Part-time TAP

TAP is also available for students attending a SUNY, CUNY and not-for-profit independent degree-granting college on a part-time basis and taking 6 or more credit hours per semester in their program of study. To be eligible for [Part-time TAP](#) you must have been a first-time freshman in or after the 2006-07 academic year, have earned 12 credits or more in each of two consecutive semesters, and maintain a "C" average.

Visit the [HESC website](#) for additional information on Part-time TAP.

## STEM Incentive Program

The NYS STEM Incentive Program provides a full SUNY or CUNY tuition scholarship for the top 10 percent of students in each New York State high school if they pursue a STEM (Science, Technology, Engineering, Math) degree in an associate's or bachelor's degree program and agree to work in a STEM field in New York State for five (5) years after graduation. View our [SUNY STEM flyer](#).

Note that all NYS STEM award monies received shall convert to a 10-year student loan plus interest for recipients who fail to meet the statutory, regulatory, contractual, administrative or other requirements of this program.

More information on this program and how to apply can be found at [HESC](#).

## New York State Aid for Part-Time Study (APTS)

APTS is a New York State tuition-assistance program for matriculated undergraduate students enrolled in 3 to 11 credits per semester. Applicants need to complete and submit the [APTS application](#) with a signed copy of their prior year New York State tax return.

Visit [HESC](#) for more information on APTS.

## Federal Supplemental Educational Opportunity Program Grant (FSEOG)

This federal grant is awarded by SUNY New Paltz to matriculated undergraduate students with exceptional need. It is a campus-based program, and the awards may range from \$100 to \$4,000 per year, depending on funding and the expected family contribution (EFC). These grants are only awarded to Pell-eligible students. A student may receive FSEOG for the period required to complete a first baccalaureate degree. The FAFSA is used to apply.

## Educational Opportunity Program (EOP) Grant

EOP is a grant program for New York State residents who are admitted to the university through the [Educational Opportunity Program](#) (p. 17) at the beginning of their post-secondary study. Students must be full-time matriculated undergraduates. Awards are based on need and may range up to \$2,800 per year. The FAFSA is used to apply.

To learn more, see the [Office of Undergraduate Admission's Information for EOP Students](#) page.

## Out-of-State Grants

Students who are from a state other than New York or who are considered out-of-state residents should check with their state higher education agency for sources of information about grants and financial assistance that may be available to them.

## Senator José Peralta New York State DREAM Act

The [DREAM Act](#) gives undocumented and other students access to New York State-administered grants and scholarships that support their higher education costs. It opens the doors of higher education to thousands of students, providing access to the Excelsior Scholarship, the Tuition Assistance Program, and other state-administered scholarships that were not previously available to them.

## Miscellaneous New York State Grants and Scholarships

Visit HESC's website for [details about other NYS grants, scholarships and loan programs](#).

## Scholarships

See [Student Financial Services' Scholarships](#) page for information and resources related to freshman and transfer student scholarships, scholarships for currently enrolled students, and private scholarships. Also posted there is a [slide presentation titled Exploring Scholarship Opportunities](#).

## New York State Excelsior Scholarship Program

The New York State Excelsior Scholarship is a state-funded scholarship program designed to support full-time undergraduate students from working and middle-income households who are on track for on-time degree completion.

The Excelsior Scholarship is administered by Higher Education Services Corporation (HESC). Visit HESC's website for [Excelsior Scholarship Program Information](#) and [Excelsior Scholarship Frequently Asked Questions](#).

## Work Study

*Students whose financial aid package for 2023-2024 included a Federal Work Study award receive an email in mid-August with instructions on how to apply for jobs for the new school year.*

The following resources will guide 2023-2024 [Work Study](#) students through the online application and hiring process:

1. [Hiring instructions](#)
2. The [Student Employment](#) page for New Paltz is where students review and apply for a Work Study position.

To gain access to Work Study job listings, students must have been awarded Work Study in their financial aid package. Students who have not been awarded Work Study in their financial aid package are not permitted to find a Work Study job.

*A Work Study award is not a guarantee of a job. Positions are limited. Students are limited to only one work study position. Work Study allows students the potential to earn a specified sum of money by turning in biweekly time sheets for the hours they have worked. Note that Federal Work Study will not be awarded for the sole purpose of helping students become eligible for additional government benefits, such as Food Stamps.*

For non-Work Study student employment alternatives, see the Payroll Office's [Student Employment](#) page and/or Student Financial Services' [Off-Campus Jobs](#) page.

## Non-resident and Undocumented Students

The Office of Student Financial Services publishes links to [resources for undocumented/non-resident students](#) related to immigration, federal and state financial aid, and scholarships.

## Winter Financial Aid

Financial aid is not offered specifically for winter session; however, winter session charges can be included in a matriculated student's cost of attendance. This may allow for additional loan eligibility for the academic year. Winter session enrollment can also be added to spring enrollment to determine federal grant eligibility. For example, if a student is registered for 3 credits for winter and 9 credits for spring, the federal Pell Grant for the combined enrollment period will be determined based on 12 credits. A student who is already registered full time for the spring semester will not receive any additional grants. If a student qualifies for additional funds



due to winter session enrollment, they will be disbursed with scheduled spring semester disbursements.

Initiate eligibility review by completing the Winter Aid Request Form. The form will be available in November on the Office of Student Financial Services [Forms Page](#).

## Keeping Your Aid

### Federal Financial Aid Attendance Requirement

Federal regulations require that students receiving Title IV aid (Pell, FSEOG, Federal Work Study, Student Loans and PLUS Loans) begin attendance in each course for which they are registered. This requirement pertains to both seated and online courses. Each semester, after the add/drop period, instructors will confirm attendance or non-attendance of each registered student at the Enrollment Census Date, which is published in the [Academic Calendar](#). Students who have not begun attendance in the courses for which they are registered will have their federal financial aid revised based on the number of credits the student actually attended. Financial aid funds that have been disbursed may need to be returned and may require repayment.

Students will still be responsible for tuition and fees for courses they registered for and did not drop, even though the cost cannot be covered by financial aid due to non-attendance.

### Drug Convictions

Under the Higher Education Act, a student may become ineligible for federal student aid upon conviction of any offense involving the possession or sale of illegal drugs while receiving Title IV federal financial aid. Federal aid includes Federal Direct Loans, Federal PLUS Loans, Federal Graduate PLUS Loans, Federal Pell Grants, Federal Supplemental Educational Opportunity Grants (FSEOG), and Federal Work Study. For information about penalties and how to regain eligibility for federal student aid, see [Drug Convictions and Financial Aid Eligibility](#).

### Satisfactory Academic Progress (SAP): Federal Title IV SAP Policy

Federal regulations require schools to review students' academic records at least annually to ensure that students are making adequate progress toward degree completion to maintain eligibility for Federal Title IV financial aid funds. Federal funds include Direct Loans (student and parent loans), Pell Grant, FSEOG Grant, and Federal Work Study. Minimum academic standards for meeting Satisfactory Academic Progress (SAP) requirements are outlined below. Students must meet both the qualitative and quantitative standards and not exceed maximum timeframe standards to remain eligible for federal financial aid. The SAP review is performed annually at the end of the spring semester. SAP standards apply to all students wishing to be considered for federal financial aid regardless of whether or not aid was received in prior semesters. Students who fail to meet SAP standards are considered ineligible to receive any federal financial aid funds until they have successfully gone through the appeal process and been placed on Financial Aid Probation or they are able to meet the standards at a subsequent review point.

#### Standard #1 Qualitative Requirements (GPA)

Undergraduate students must maintain a minimum cumulative GPA of 2.0. Graduate students must maintain a minimum cumulative GPA of 3.0.

The following grades are not included in the GPA calculation: AU, H, I, P, R, S, U, W.

#### Standard #2 Quantitative Requirements (Pace)

Undergraduate students must complete a percentage of credits attempted each year as shown on the following academic progress chart. Transfer credits accepted by the university and applied to the New Paltz degree are considered to be both attempted and completed credits for this purpose. The following are considered to be attempted credits, but are not considered to be successfully completed: F, I, R, U, W.

#### Undergraduate Academic Progress Chart

Code	Title	Credits
If attempted credits are between	Then the following % of graduation credits must be completed <sup>1</sup>	
3-30	50%	
31-60	50%	
61-90	67%	
91-120	67%	
121-180	67%	
Over 180	Ineligible	

<sup>1</sup> Graduate students must complete 67% of credits attempted each year.

#### Standard #3 Maximum Timeframe

Federal aid recipients must demonstrate continued progress towards degree requirements to ensure that they will complete the program within the maximum time frame. Students generally may attempt up to 150% of the credits required to complete the degree requirements. Once the maximum time frame has been reached, the student becomes ineligible for further federal financial aid. If at any point a determination is made that a student will not be able to meet their degree requirements within 150% of the program length, or graduate with the required GPA, they become immediately ineligible for federal financial aid. There are no appeals for the maximum timeframe standard. For examples, see [Student Financial Services' Satisfactory Academic Progress \(SAP\) page](#).

Students officially enrolled in a second baccalaureate degree program may attempt a maximum of 240 credits and may only be considered for student loan funds.

#### Repeated Coursework

All repeated courses are included in the quantitative and maximum time frame components of the SAP review. Inclusion in the qualitative component of the review process is based on the academic grading policy defined in the college catalog. Only courses taken at SUNY New Paltz will count towards the GPA calculation. Only one repeated course can be funded with federal financial aid once a passing grade for a course has been achieved. See also [Repeat Coursework](#).

#### Withdrawals

Credits for courses with a grade of W will be counted as attempted credits, but not credits earned in determining federal SAP. Receiving a W grade will impact pace as outlined in the Undergraduate Academic Progress Chart since the course will count as attempted credits, but not earned.

#### Remedial and ESL Coursework

Non-credit remedial and ESL courses will not be counted as attempted or earned credits in determining federal SAP and are not included in the student's GPA calculation.

### Incomplete Grades

Credits for courses with grades of Incomplete will count toward credits attempted but not count toward credits earned. If an 'Incomplete' grade is changed to a 'passing' grade by the midpoint of the subsequent semester, the credits may then count towards credits earned and be included in the GPA calculation.

### Transfer Credits

Transfer credits accepted by SUNY New Paltz and applied toward the New Paltz degree are considered to be attempted and completed credits in determining federal SAP. Only grades for courses taken at SUNY New Paltz are included in the GPA measure.

### Change of Major/Double Major

Students may change or add majors prior to degree completion; however, all attempted credits in all degree programs are included in maximum timeframe calculations. Completion of program requirements for one major concludes eligibility unless pursuing a second baccalaureate degree.

### Maximum Pell Grant Semesters

Students may receive a maximum of 12 full-time (or full-time equivalent) semesters of Pell Grant awards. This includes all Pell Grants received at all schools attended.

### Degree Completion

Students may only receive federal financial aid for courses which are required for degree completion. Students enrolled in credits beyond the number required for the degree or enrolled in courses that are not applicable to a degree requirement will have financial aid adjusted accordingly. A student who has completed all coursework required for a major or degree is ineligible even if a degree application has not been filed or the student has not exceeded the maximum time frame allowed (150%).

Federal financial aid eligibility will be terminated when the Office of Student Financial Services determines it is not mathematically possible for a student to complete his/her degree program within the maximum time frame.

### SAP Status Notification

All students are reviewed for satisfactory academic progress after the spring semester has concluded. Students will receive an electronic notification beginning in June as FAFSAs are received. SAP status is also posted on [my.newpaltz.edu](http://my.newpaltz.edu). Students may reestablish their eligibility for federal financial aid through the appeal process or by improving their academic record to meet the SAP standards.

### SAP Appeal Process

Students who have not exceeded their maximum timeframe may submit an appeal application to the Office of Student Financial Services if they feel there were extenuating circumstances beyond their control that affected their ability to make academic progress. The appeal process only pertains to federal financial aid eligibility, not general academic standing or New York State aid programs. Filing an appeal does not guarantee reinstatement of financial aid. Reasons for appeal may include a death in the student's immediate family, serious injury or illness, or other mitigating circumstances beyond the student's control. Students can find the [Federal Satisfactory Academic Progress \(SAP Appeal Request Instructions\)](#) and form on [Student Financial Aid's SAP page](#). The written appeal must specify what has changed that will allow the student to be successful moving forward. A maximum of two appeals will be considered. These appeals must indicate separate and distinct circumstances to be considered. SAP appeals are to be submitted before

the start of the semester in order to determine financial aid status for the semester. Students submitting a SAP Appeal after semester bills are due will need to make payment arrangements with the Office of Student Accounts, as financial aid will be removed from the account and reinstatement is not guaranteed. The semester deadline for appeals will be two weeks prior to the last day of class. Appeals submitted without supporting documents will not be considered. Appeals should be submitted to:

Office of Student Financial Services  
200 Hawk Drive, Wooster Hall 124  
New Paltz, NY 12561  
Fax: (845) 257-3568

### SAP Appeal Determination

Upon review by the SAP Appeals Committee, a determination will be communicated electronically to the student within approximately 15 business days of receipt of the completed appeal form. All committee decisions are final and cannot be appealed further. Determined SAP status will also be posted on [my.newpaltz.edu](http://my.newpaltz.edu).

### Appeal Approved/Probation

If an appeal is approved, the student will be eligible for federal financial aid for the following semester and will be placed on Financial Aid Probation. All students on probation will be assigned a SAP Financial Aid Probation Plan. This plan will outline the standards that the student must meet in order to maintain federal financial aid eligibility. The standard SAP Financial Aid Probation Plan is used for students who can reasonably expect to meet regular SAP standards after one semester. This plan requires completion of 67% of credits attempted with a 2.0 GPA. Customized SAP Financial Aid Probation Plans may be different and may extend beyond one semester. Progress will be reviewed after the semester ends to determine if the student met the requirements of their plan for continued eligibility. Students who have not met the terms and conditions of their plan while on probation will be ineligible for federal financial aid for the remainder of the academic year. Appeals are only valid for courses taken at New Paltz and are not retroactive. Progress will be evaluated at the next checkpoint.

### Appeal Denied

If the appeal is denied the student will not be eligible for federal financial aid for the academic year. Their SAP status will then be reevaluated again after the following spring semester, per the annual schedule. Eligibility may be reestablished by successfully completing coursework, without the benefit of federal financial aid, to meet the standards outlined in the SAP policy.

### Withdrawal and Return of Title IV Federal Financial Aid

If you completely withdraw or stop attending all classes at SUNY New Paltz before completing more than 60% of the term, a portion of the total federal aid you received may need to be returned to the US Department of Education immediately. This process is called Return of Title IV Funds.

### Title IV Aid Programs at New Paltz

Title IV of the Higher Education Act of 1965, as amended (Title IV and HEA program), establishes general rules that apply to the student financial assistance programs. For the purposes of Return of Title IV Funds, these programs include Federal Pell Grants, Federal Subsidized and Unsubsidized Direct Loans, Federal PLUS Loans, and Federal Supplemental Educational Opportunity Grants (FSEOGs). Federal Work Study funds which have been earned will not be included.

## Impact of Withdrawing Before Completing at Least 60% of the Term

If you begin but do not complete the semester at SUNY New Paltz and receive Title IV funds, the college has to return any Title IV funds that were not earned. If you attended more than 60% of the term, all Title IV aid is considered earned and no return of funds will be required. If you, the university, or a parent (on your behalf) received less assistance than the amount that you earned, you may be able to receive those additional funds.

## Calculation of Return of Title IV Funds

The Office of Student Accounts will determine if you will receive a full or partial refund of your tuition and fees, based on the published Refund Policy (see [Tuition & Fees](#) (p. 24)) and your official withdrawal date (which is the date your withdrawal form was completed and submitted).

The Student Accounts Office also calculates the amount of financial aid you have earned prior to withdrawing. Any aid received in excess of the earned amount must be returned to the respective programs. The amount of assistance that you have earned is figured on a prorated basis. This is determined by multiplying the percentage of term attended (calculated by dividing the number of days up to the withdrawal date by the number of calendar days in the semester, including weekends and holidays but not including breaks of five days or longer) by the Title IV aid received. All types of federal aid are used in this calculation. For example, if you completed 30% of your payment period or period of enrollment, you earn 30% of the assistance you were originally scheduled to receive. Once you have completed more than 60% of the term, you earn all of the assistance that you were scheduled to receive for that period.

If you received more assistance than you earned, the excess funds must be returned by New Paltz and/or you. If you did not receive all of the funds that you earned because the funds had not paid to your account by the time you withdrew, you may be due a post-withdrawal disbursement. If the post-withdrawal disbursement includes loan funds, you may choose to decline the loan funds so that you do not incur additional debt.

After the amount of Title IV aid to be returned is calculated, a determination is made as to how much must be returned by SUNY New Paltz and by the student. Any funds returned by the institution are credited in the following order: Federal Unsubsidized Direct Loan, Federal Subsidized Direct Loan, Federal PLUS Loan, Federal Pell Grant, FSEOG Grant, and other Title IV aid. If you have any loans which have been used in the calculation, this obligation will be due and payable by the terms of the promissory note. Any grant funds to be returned by you will be reduced by 50%. For example, if a calculation determines that your grant obligation is \$300, the repayment will be \$150.

In person at the time of withdrawal or about two weeks thereafter, Student Accounts will provide you with a statement and copy of the calculations and any money owed to SUNY New Paltz and/or to the Federal Student Aid programs. Student Accounts will also notify you if you are eligible to receive a post-withdrawal disbursement. You must respond within 14 days from the date of the notification to accept the post-withdrawal disbursement, or it will be canceled.

The requirements for Federal Student Aid program funds when you withdraw are separate from any refund policy the university may have. Therefore, you may still owe funds to the school to cover unpaid institutional charges. SUNY New Paltz may also charge you for any Federal Student Aid program funds that were used to pay charges and that the school was required to return.

## Terms & Conditions

- Financial eligibility is determined annually based on the results of the [Free Application for Federal Student Aid \(FAFSA\)](#). The FAFSA should be filed prior to March 1 each year.
- Financial Aid recipients must be matriculated and making Satisfactory Academic Progress (SAP). Please review our [SAP policy](#).
- Financial aid eligibility is initially calculated based on full-time enrollment, defined as 12 or more credits per semester. Students who plan to enroll for less than 12 credits per semester must complete and submit the Part-Time Enrollment Form found on [Student Financial Services' website](#).
- Students selected for verification must submit all requested documentation before funds can be accepted and deducted from the semester invoice. Awards may be revised after verification has been completed if information was found to be incorrect. Students selected for verification will be notified via email. Requirements will also be posted on [my.newpaltz.edu](#).
- Financial aid packages may be revised due to FAFSA corrections, changes in federal or state regulations or funding levels, enrollment status changes, or receipt of additional resources such as private scholarships or tuition waivers.
- It is the student's responsibility to notify the Office of Student Financial Services of outside resources, such as private scholarships. Packaging revisions may be required as aid from all sources cannot exceed the established budget. Self-help aid (loans and work study) is reduced first.
- New York State aid, such as TAP and the Excelsior Scholarship, are estimated until Higher Education Services Corporation (HESC) has received and processed the appropriate application and communicated a final award determination to the university. NYS funds are also subject to academic credit requirements. The application for the Excelsior Scholarship typically becomes available in mid-spring. Visit the [HESC website](#) for application and program information.
- First-time Federal Direct Student Loan borrowers must complete Entrance Counseling and a Master Promissory Note online at [studentaid.gov](#). Loan funds will not disburse until these electronic documents have been completed.
- Federal Direct Student Loan amounts are determined by class level at the time of packaging. Additional credits including transfer credits may increase eligibility once final grades/transcripts are received and evaluated.
- Parents wishing to apply for a Parent Loan for Undergraduate Students (PLUS) must complete the application process at [studentaid.gov](#) each year after May 1. The parent will need to sign in using their Federal Student Aid (FSA) ID and password used to sign the FAFSA electronically. Once signed in, select Apply for a Direct PLUS Loan under the Parent tab. After completing the application and authorizing the credit check, the applicant will be immediately notified of the credit decision. If credit is approved, first-time borrowers will be prompted to complete the Loan Agreement (Master Promissory Note).
- Federal Work Study funds will not appear as a credit on the invoice since funds are paid directly to students in the form of a bi-weekly paycheck. Eligible students will receive an email in August with instructions on how to access the online employment system.
- Financial aid funds are typically calculated for an academic year with equal payments for the fall and spring semesters. Funds will appear as credits on the student's invoice once all requirements have been

met. If aid exceeds the balance due, a refund will be issued once the aid is disbursed. Excess aid may also be converted into Hawk Dollars to purchase books at the Campus Bookstore. Balances not covered by financial aid are the responsibility of the student. Payment plans are available through the [Office of Student Accounts](#). Invoices will be generated electronically following registration.

- Students are responsible for being aware of the financial implications of academic decisions such as withdrawing from courses, repeating coursework, changing majors, and enrolling for courses not required to meet graduation requirements. More information can be found under "Keeping Your Aid," above and on [Student Financial Services' website](#).
- Course selections must be applicable to the student's primary program of study to be eligible for coverage from federal and NYS aid programs.
- Students are not eligible for most financial aid once degree requirements for the first major have been met. Only federal direct loans are available to earn a second degree.
- Students are required to complete Federal Student Loan Exit Counseling at [studentaid.gov](http://studentaid.gov) before they graduate or when they cease to be enrolled at least half-time, defined as 6 or more credits.
- Students who withdraw officially or unofficially during a period of enrollment are subject to the federally mandated Title IV Recalculation to determine if any portion of their aid must be repaid to the government. More information can be found above (see Withdrawal and Return of Title IV Federal Financial Aid) or consult [Student Financial Services' website](#).
- Students are strongly encouraged to create a login to utilize the interactive [SUNY Smart Track financial literacy software](#).
- Students are required to monitor their campus email accounts and their [my.newpaltz.edu](mailto:my.newpaltz.edu) accounts for important communications.

## Costs and Planning

### 2023-2024 Cost of Attendance <sup>1</sup>

Below is the total estimate of direct billed and indirect (non-billed) costs for a full-time undergraduate student at New Paltz for one year (fall and spring). This estimated cost of attendance, also known as a budget, is an estimate of what a family may spend for an academic year at New Paltz. The budget is not a bill; instead, it helps you estimate your total yearly cost and is also used for financial aid eligibility. The fall and spring billing invoices will be issued electronically by the [Office of Student Accounts](#) and will only include direct billed costs such as tuition, fees, etc., whereas the budget below includes additional expenses you may incur, such as transportation and books.

Costs are current as of July 2023 and are subject to change.

#### Undergraduate NYS Resident Living On or Off Campus <sup>2</sup>

Tuition	\$7,070
Fees	\$1,454
Personal Expenses	\$2,200
Housing	\$10,466
Meals (Meal Plan)	\$5,430
Transportation	\$1,150
Books and Supplies	\$1,240
Total per Year	\$29,010
Total per Semester	\$14,505

#### Undergraduate Non-Resident Living On or Off Campus <sup>2</sup>

Tuition	\$16,980
Fees	\$1,454
Personal Expenses	\$2,200
Housing	\$10,466
Meals (Meal Plan)	\$5,430
Transportation	\$1,150
Books and Supplies	\$1,240
Total per Year	\$38,920
Total per Semester	\$19,460

#### Undergraduate Commuter (Living with Parents) <sup>2</sup>

Tuition	\$7,070
Fees	\$1,454
Personal Expenses	\$2,200
Housing <sup>3</sup>	\$1,785
Meals (Meal Plan) <sup>3</sup>	\$1,785
Transportation	\$1,500
Books and Supplies	\$1,240
Total per Year	\$17,034
Total per Semester	\$8,517

<sup>1</sup> If you plan to enroll part time, your charges will be reduced per our [Tuition and Fees schedule](#) (p. 24), published in this catalog and on [Student Accounts' website](#).

Costs for graduate and professional studies are published in the [Graduate Catalog](#) and on [Graduate, Professional & Interdisciplinary Studies' website](#).

<sup>2</sup> Costs for off-campus housing, meals, books and supplies, transportation, and personal expenses may vary by student.

<sup>3</sup> Students living off campus or at home will not be billed for housing and meals. However, [voluntary meal plans](#) are available for purchase.

## Financial Literacy

### Important Financial Literacy Topics for Students

#### CashCourse

The [CashCourse Financial Resource Program](#) offers a financial glossary, six core financial management courses, a variety of worksheets, quizzes, videos, financial calculators, and a Budget Wizard - resources that will help students build the skills needed to navigate their financial journey and achieve financial independence.

#### Credit Scores

After graduation, you'll want to make timely payments on your student loans because your credit score can affect you in more ways than you realize. Read the [Federal Reserve's guidance on Credit Reports and Credit Scores](#) to see who may look at your credit score and what impact this may have on you.

#### Avoiding Scams

Before applying for financial aid, learn how to spot potential fraud and prevent identity theft. Visit [Avoiding Student Aid Scams](#) at [studentaid.gov](http://studentaid.gov), and check out Student Financial Services' [10 Tips on How to Avoid Getting Scammed](#).



## Loan Payments

If you have any questions about your federal loans, do not hesitate to contact your servicer. They have been contracted by the Department of Education to help you. You can ask them questions about repayment, the various payment plans, interest, etc. Also, if you are having a hard time making your payments after graduation, you'll want to contact them to discuss it. There may be options to help you avoid ruining your credit with late or skipped loan payments.

Do you know who your loan servicers are? If not, visit [studentaid.gov](https://studentaid.gov) and select "Manage Loans" at the top of the page.

## Net Price Calculator

SUNY's [Net Price Calculator](#) is a planning tool that provides students and their families with an early estimate of the financial aid for which they might qualify. Based on information provided regarding the family's financial situation and the student's education preferences, the calculator will return a net price. That price reflects the estimated costs of attending SUNY as a freshman or transfer student less any estimated financial aid.

## Tax Benefits

There's great news for parents and students: the federal government provides a number of tax incentives that can help defray the cost of higher education. These incentives come in a couple of forms:

1. tax credits, which directly reduce the amount of tax you are liable for; and
2. tax deductions, which reduce the amount of income on which you pay taxes.

These federal tax benefit resources for higher education provide an overview of the options that may be available to you:

- [Federal Student Aid Tax Benefit Resources](#)
- [Understanding the 1098T Form](#)
- [IRS Publication on tax credits](#)

See also the short video *Education Tax Benefits and Credits*, posted on [Student Financial Services' website](#).

# Important Financial Aid Information

## Loan Counseling

[Student Financial Services](#) publishes general information about student loan requirements, including entrance and exit interviews, along with a glossary and links to several calculators.

## Loan Repayment

Visit [Student Financial Services' Loan Repayment page](#) for information about finding and repaying your loans; what to do when graduating, leaving or taking a break from your studies; and steps to take if you're having trouble making payments.

## Special Circumstances

### Special Circumstances and the American Rescue Plan Act (ARPA)

Students and their families may have "Special Circumstances" due to COVID-19 or other unforeseen circumstances beyond their control that impact their ability to pay for expenses associated with college attendance. Students who have experienced a change in financial circumstances not reflected on the 2023-2024 FAFSA may initiate a review of their federal aid eligibility by completing the [2023-2024 Special Circumstances Form](#).

Please review the list of qualifying circumstances below before submitting the appeal form and remember to attach all required documents. Submit all documents to the Office of Student Financial Services in person, by mail, or email documents to [faodocuments@newpaltz.edu](mailto:faodocuments@newpaltz.edu).

Students will be notified via their campus email address if their federal aid eligibility has changed. It is important to note that not all appeals will result in increased grant eligibility. However, if you or your family have documented, COVID-19-caused loss of income resulting in an educational expense that is no longer accurately reflected in your calculated Cost of Attendance (COA), you can submit a Professional Judgement-Special Circumstances COA Appeal. If that situation applies to you, please document and describe in detail the COA budget component that needs to be considered for a potential adjustment and increase in financial aid award funds. In addition, reviews resulting in increased grant eligibility may also result in revisions to the Excelsior Scholarship due to NY State regulations that require Pell, as well as other certain grants and scholarships, to be deducted before the Excelsior Scholarship award amount is determined.

Students may [contact Student Financial Services](#) before submitting an appeal to discuss potential outcomes based on individual circumstances.

*The 2023-2024 priority document submission deadline is May 1, 2023 for Fall 2023 and October 1, 2023 for Spring 2024. Submitting documents after the priority deadline may result in limited funding.*

### Qualifying Special Circumstances

- involuntary loss of employment or income from other sources
- legal separation or divorce
- death of parent or spouse
- substantial medical or dental expenses you paid that were not covered by insurance
- one-time lump-sum payments

Federal financial aid appeals are made on a case-by-case basis based on guidance provided by the U.S. Department of Education and flexibility provided under the American Rescue Plan Act. All decisions are final and cannot be appealed further.

The appeal process takes approximately four weeks to complete and does not extend the payment deadline. Students must make payment arrangements with the [Office of Student Accounts](#) prior to billing deadlines.

### Additional Resources

In addition to the scholarships, loans, [time payment plan](#), and tax benefits/credits noted above, the following resources are described on [Student Financial Services' website](#):

- [SUNY New Paltz Food Pantry](#)
- [Student Crisis Fund](#)
- Consolidated Appropriations Act of 2021 (eligibility for [SNAP benefits](#))
- [Department of Education discounts on broadband internet service](#) for Pell Grant recipients
- [Resources for undocumented and non-resident students](#)

# Student Rights & Responsibilities

Education after high school costs you time, money, and effort. It is a big investment and you should carefully evaluate the school(s) you



are considering. To help you make an educated choice, you should have information on the school's academic programs, facilities, cost of education, refund policy, and financial aid programs. We encourage you to also review the [Student Consumer Information List](#) for further information on items of interest to you.

*You have the right to ask a school:*

- the names of its accrediting and licensing organizations. You also have the right to ask for a copy of the documents describing the institution's accreditation or licensing.
- about its programs; instructional, laboratory and other physical facilities; and faculty.
- about its completion and transfer-out rates.
- if the school advertises its job placement rates as a means of attracting students and what information it has to back up its claims.
- what the cost of attending is, what it is composed of, and what the policy is on refunds to students who drop out.
- what financial assistance is available, including information on all federal, state, local, private, and institutional financial aid programs.
- who its financial aid personnel are, where they are located, how to contact them for information, and what the counseling procedures are.
- what the procedures and deadlines are for submitting applications for each available financial aid program.
- how it selects financial aid recipients.
- how it determines your financial need. This process includes how costs for tuition and fees, room and board, travel, books and supplies, and personal and miscellaneous expenses are considered in your cost of education. It also includes the resources considered in calculating your need (such as parental contribution, other financial aid, assets, etc.).
- how much of your financial need, as determined by the school, has been met.
- how and when you will receive your financial aid.
- to explain each type and amount of assistance in your financial aid package.
- what the interest rate is on any student loan you have, the total amount you must repay, the length of time you have to repay, when you must start repaying, and what cancellation or deferment (postponement) provisions apply.
- if you are offered a Federal Work-Study job, what kind of job it is, what hours you must work, what your duties will be, what the rate of pay will be, and how and when you will be paid.
- about its loan default rates.
- for a copy of its campus security report.
- how the school determines whether you are making satisfactory academic progress, and what happens if you are not.
- to reconsider your aid package if you believe a mistake has been made, or if your enrollment or financial circumstances have changed.
- what special facilities and services are available to students with disabilities.

*It is your responsibility to:*

- know which course(s) apply to your degree.
- review and consider all information about a school's program before you enroll.

- pay special attention to your application for student financial aid, complete it accurately, and submit it on time to the right place. Errors can delay or prevent your receiving aid.
- know all the deadlines for applying or reapplying for aid, and meet them.
- provide all documentation, corrections, and/or new information requested by either the financial aid office or the agency to which you submitted your application.
- notify your school of any information that has changed since you applied for financial aid.
- read, understand, and keep copies of all forms you are asked to sign.
- be aware of and meet any of the terms of an award that you may accept, including maintaining Satisfactory Academic Progress.
- repay any student loans you have. When you sign a promissory note, you are agreeing to repay your loan.
- conduct a pre-loan and an exit interview at your school if you have a Federal Perkins Loan, Federal Nursing Loan, Federal Stafford Loan (subsidized or unsubsidized), Federal PLUS or Parent's Loan, or any type of federal loan.
- notify your school of a change in your name, address, or attendance status (half-time, three-quarter time, or full-time). If you have a loan, you must also notify your lender of these changes.
- satisfactorily perform the work agreed upon in a Federal College Work-Study job, if you have one.
- understand your school's refund policy. If you drop out of school within a short time after you start, you may be able to get a part of your education expenses returned to you, but after a certain date, you will not get any money back. Check with your school to find out what expenses you may have to pay if you drop.

## Additional Resources

The Office of Student Financial Services offers these additional resources:

- [FAQ: Frequently Asked Questions](#)
- [FAQ: Frequently Asked Questions for Parents](#)
- [Financial Aid Advising Guide](#)
- [Financial Aid Checklist](#)
- [Presentations & Videos](#), including *Financial Aid 101*, *2022-2023 FAFSA Filing Tutorial*, and other resources related to financial aid topics.

## Student Loan Code of Conduct

SUNY New Paltz works diligently to ensure that its officers, employees and agents avoid conflicts of interest in connection with their responsibilities relating to providing and administering student loans for our students.

SUNY New Paltz does not have a preferred lender list. The University does, upon request, certify student eligibility for private alternative loans in accordance with the following Code of Conduct.

1. SUNY New Paltz does not enter into a revenue-sharing arrangement with any lender.
2. No officer or employee of SUNY New Paltz who works in the Student Financial Services office, or who otherwise has responsibilities with respect to education loans, will solicit or accept any gift or other thing of value from a lender, guarantor, or servicer of education loans. Certain items provided or contributed by lenders are not considered

gifts, such as training materials or philanthropic contributions unrelated to education loans.

3. No officer or employee of SUNY New Paltz who works in the Student Financial Services office, or who otherwise has responsibilities with respect to education loans, will accept from any lender any fee, payment or other financial benefit as compensation for any type of consulting arrangement or other contract to provide services to a lender.
4. SUNY New Paltz will not select, assign or refer a student to a particular lender or refuse to certify, or delay certification of, any loan based on the borrower's selection of a particular lender.
5. SUNY New Paltz will not request or accept from any lender any offer of funds to be used for private education loans, including funds for an opportunity pool loan, to students in exchange for the campus providing concessions or promises to the lender.
6. SUNY New Paltz does not request or accept from any lender any assistance with call center staffing or Student Financial Services office staffing.
7. No officer or employee of SUNY New Paltz who works in the Student Financial Services office, or who otherwise has responsibilities with respect to education loans, and who serves on an advisory board, commission, or group established by a lender or guarantor, will receive anything of value for such service.

## Veteran & Military Services

The SUNY New Paltz Office of Veteran and Military Services (OVMS) is honored to help support and guide military service members, veterans, and dependents with your experience in higher education. At SUNY New Paltz, your core values, experiences, and service are never overlooked. We are committed to the intellectual, personal, and professional growth of all our students. As a retired service member with over 22 years of service, I take pride in being charged with helping you pursue your dreams and assist with guiding you down a path of success. I look forward to helping all of you join the talented community of learners and educators that provide extraordinary pathways for enrichment.

The Office of Veteran and Military Services is located in the Student Union (SUB 100 South). We are staffed with a full-time director of Veteran and Military Services, assistant director, and VA School Certifying Official. Our purpose is to provide assistance to all U.S. service members, veterans, and dependents from application to graduation. Our services include, but are not limited to, assisting with all benefits covered under the various GI Bill®<sup>1</sup> programs; military tuition assistance (TA); veteran scholarships; general questions regarding Department of Veteran Affairs' issues; and free parking permits for military and veteran students. All current and prospective student veterans, service members, and their dependents are encouraged to take advantage of our services.

At SUNY New Paltz, we pride ourselves in equipping our students with not just a degree that will open doors to career opportunities, but also an education that inspires a lifelong passion for learning. We warmly welcome students of diverse backgrounds, cultures, perspectives, and ambitions. As a member of the armed forces, veterans, or dependents communal, you bring an invaluable level of excellence to the New Paltz community. We welcome you to our campus and look forward to helping you along this exciting journey.

Sincerely,

**Jason F. Gilliland**

Director, Office of Veteran and Military Services

Office: SUB 100 B

Phone: (845) 257-OVMS (6867)

Fax: (845) 257-6120

E-mail: [ovms@newpaltz.edu](mailto:ovms@newpaltz.edu)

<sup>1</sup> GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at <http://www.benefits.va.gov/gibill>.

## Veterans & Military Financial Aid

### Prospective Military Students and/or Dependents

The following websites contain information on resources, aid options, default rates, and graduation rates and provide comparative school costs so that prospective students can make informed decisions about where to attend school.

1. College Scorecard is a planning tool and resource to assist prospective students and their families as they evaluate options in selecting a school.

2. College Navigator is a consumer tool that provides school information to include tuition and fees, retention and graduation rates, use of financial

aid, student loan default rates and features a cost calculator and school comparison tool.

3. [The College Financing Plan](#) is a model aid award letter designed to simplify the information that prospective students receive about costs and financial aid so they can easily compare institutions and make informed decisions about where to attend school.

The Johnny Isakson and David P. Roe, M.D. Veterans Health Care and Benefits Improvement Act of 2020 requires educational institutions to make certain disclosures to students using federal military and/or VA educational benefits. You can access a personalized data sheet by visiting [the SUNY Net Price Cost Calculator](#) and selecting SUNY New Paltz from the dropdown. Additional financial information can be found at the [NCES College Navigator site](#).

The SUNY Financial Aid Plan (FAP) will provide a more in-depth analysis and accurate picture of student cost once the student has filed their FAFSA, completed a SUNY application, and been accepted by a campus.

4. [Paying for College](#) can be used by prospective students to enter the names of up to three schools, receive detailed financial information on each one, and enter actual financial aid award information.

5. Our college's [Student Financial Services website](#) details how to apply for all types of aid, including Title IV.

## Paying for School

Military service members, veterans, and dependents may be eligible for various educational programs to help defer the cost of earning a degree. It is important that you understand and maximize the full range of benefits that you may be eligible for. The Department of Veteran and Military Services will provide you with information about these programs and may, in many circumstances, help you apply. For more information about any of these programs, please contact our office.

### Department of Veteran Affairs Education and Training Benefits

See also [VA Education and Training Benefits](#).

- Post - 9/11 GI Bill®
- Transferring Post 9/11 GI Bill® Benefits
- Montgomery GI Bill® - Active Duty (MGIB - AD)
- Montgomery GI Bill® - Selected Reserve (MGIB - SR)
- Reserve Educational Assistance Program (REAP)
- Post-Vietnam Veteran Educational Assistance Program (VEAP)
- Vocational Rehabilitation and Employment Service
- Survivors' and Dependents' Educational Assistance Program
- Tuition Assistance Top Up
- Tutorial Assistance
- National Testing Program
- Licensing and Certification
- VA Work-Study Program

### Private Loans

Service members and non-service members alike may first want to contact any [financial aid advisor staff](#) before considering [private loan aid](#) so they have a clear understanding of all other available financial aid (State and Federal Title IV). Loans have to be repaid and private loans generally cost more in the long run and do not offer forgiveness options, etc.

The institution's CDR (Cohost Default Rate) percent of student borrowers and comparison to national averages is available on [the College Financing Plan](#) after filing the FAFSA and on [College Navigator](#).

### Federal Student Loans

All students have the ability to refuse all or borrow less than the maximum student loan amounts allowed or offered. For detailed information see Student Financial Services' [Student Loans](#) page.

### Additional Resources

- Federal Benefits: Visit [studentaid.gov](#) and [complete the FAFSA form](#).
- New York State Benefits
  - [New York State Higher Education Services Corporation \(HESC\)](#)
  - [New York State Financial Aid for Veterans and Their Families](#)
  - [Military Tuition Assistance Programs \(TA\)](#): The Armed Forces offer soldiers, sailors, marines, guardsman, and reservists several programs to support their education goals, including up to 100% Tuition Assistance for college courses.
- SUNY New Paltz Scholarship Opportunities (*for current students only*)
  - [Scholarships for undergraduate students](#)
- Other Scholarships and Programs
  - [Tillman Military Scholars](#)
  - [The American Legion Scholarships](#)
  - [Veterans of Foreign Wars \(VFW\) Scholarships](#)
  - [American Veterans \(AMVETS\) National Scholarship](#)
  - [Iraq and Afghanistan Veterans of America \(IAVA\)](#)
  - [Retroactive Scholarship](#)

Please stop by OVMS for additional information regarding scholarships not listed here.

## Veteran & Military Services Tuition-Related Policies

For a complete list of policies and procedures for military service members, veterans, and dependents, refer to the [Office of Veteran & Military Services Policies & Procedures page](#).

### Department of Veteran Affairs (VA) Pending Payment Policy

In accordance with Title 38 US Code 3679 subsection (e), the State University of New York at New Paltz adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Veteran Readiness and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not:

- Prevent nor delay the student's enrollment;
- Assess a late penalty fee to the student;
- Require the student to secure alternative or additional funding;
- Deny the student access to any resources available to other students who have satisfied their tuition and fee bills to the institution, including but not limited to access to classes, libraries, or other institutional facilities.

However, to qualify for this provision, such students may be required to:

- Produce the Certificate of Eligibility by the first day of class;
- Provide written request to be certified;

- Provide additional information needed to properly certify the enrollment as described in other institutional policies.

Any questions regarding this policy should be directed to the Office of Veterans and Military Services at 845-257-6867 or [ovms@newpaltz.edu](mailto:ovms@newpaltz.edu).

## In-State Tuition Policy

### **SUNY New Paltz's In-State Tuition Policy for members of the U.S. Armed Services stationed in the State of New York and their Dependents**

The payment of tuition and fees by any student enrolled at SUNY New Paltz who is a member or the spouse or the dependent of a member of the Armed Forces of the United States on full-time active duty or a member of the National Guard, or a Reserve Component and stationed in this state, whether or not a resident of the state, shall be paid at a rate or charge no greater than that imposed for students thereat who are residents of this state.

### **SUNY New Paltz's In-State Tuition Policy for members of the U.S. Armed Services NOT stationed in New York and U.S. Military Veterans**

The payment of tuition and fees by any student enrolled at SUNY New Paltz who is a U.S. Service member not stationed in the State of New York or Veteran who has had a discharge of any character other than dishonorable, whether or not a resident of the state, shall be paid at a rate or charge no greater than that imposed for students thereat who are residents of this state.

### **SUNY New Paltz's In-State Tuition Policy for Dependents of the U.S. Armed Services NOT stationed in the State of New York or the Dependents of U.S. Military Veterans**

Such policy shall further provide that the payment of tuition and fees by any student attending SUNY New Paltz who is a dependent of the U.S. Armed Services NOT stationed in the State of New York or the dependent of a U.S. Military Veteran and not a resident of the state, shall be paid at a rate or charge no greater than that imposed for students thereat who are residents of this state if eligible for one of the Department of Veteran Affairs GI BILL® programs.

Such policy shall further provide that the payment and fees by any student who is not a resident of New York State shall be paid at a rate or charge no greater than that imposed for students who are residents of the state if such student is enrolled in SUNY New Paltz and attending said institution or educational unit in accordance with the federal GI BILL® and in compliance with all applicable eligibility requirements thereof:

- A spouse or child using GI BILL® benefits in which they are eligible for, or;
- A spouse or child using transferred benefits who lives in New York State (regardless of his/her formal state of residence) and enrolls into SUNY New Paltz, or;
- A spouse or child using benefits under the Marine Gunnery Sergeant John David Fry Scholarship who lives in the State of New York (regardless of his/her formal state of residence) and enrolls into SUNY New Paltz.

If you have questions regarding your eligibility for in-state tuition, please contact the Office of Veteran and Military Services at 845-257-3074. Procedures for filing in-state tuition are available on the [Office of Veteran & Military Services website](#).

## Military Leave of Absence Policy

SUNY New Paltz acknowledges and appreciates the important contributions of our students who are currently serving in the United States Armed Services. In order to support these students, SUNY New Paltz, its academic and professional faculty and the Office of Veteran and Military Services pledge to make every effort to provide reasonable accommodations to individuals who must be absent due to military obligations<sup>2</sup>.

Under the guidance of the Department of Education (ED) (34 C.F.R. 668.18 & 34 C.F.R. 688.8), [SUNY Tuition, Fees and Other Charges Policy](#); [SUNY's Billing, Refunds, Collection and Write-offs Policy for Tuition, Fees, and Other Charges](#); [Section 487b of the US Higher Education Act as amended](#), and SUNY New Paltz, this policy ensures students shall not be penalized for class absences due to military obligations. Military-related absences will not constitute a class absence. SUNY New Paltz and its academic and professional faculty will provide reasonable accommodations to complete assignments and other coursework. These accommodations may include, but not limited to:

- An opportunity to submit coursework on an alternative schedule agreed upon by the student and faculty member;
- Selection of comparable coursework as assigned by the faculty member;
- Completing coursework as an Independent Study, being given an incomplete grade for the course, using the Satisfactory/Unsatisfactory grading option, or withdrawing from the course.

Both the student and the faculty member must agree that the length of the absence is reasonable, given the type and structure of the course. The student and faculty member will agree upon a plan in writing that details expectations for successful completion of the course in question. If a faculty member offers the option of dropping a quiz/test grade, military-related absences will not constitute the dropped quiz/test unless the student chooses. In situations where the length of absences is detrimental to the student's ability to successfully complete the agreed upon plan, it may be within the student's best interest to take a military leave of absence. Should a student exercise this option, SUNY New Paltz will remove the course(s) from their transcript. All subsequent financial aid, GI BILL® funds, TA, etc. will be recalculated and returned to its original source.

## Students' Responsibility

Students who are actively participating in the United States Military Reserve or National Guard are highly encouraged to provide each faculty member, as well as the Office of Veteran and Military Services, a copy of their Reserve and/or National Guard schedule during the first week of class each semester. In the event that the student must perform duties outside of this schedule, a signed memorandum from his/her Unit Commander must be provided with said dates of service and supplied to each instructor.

<sup>2</sup> Military Obligation is defined as, but not limited to, activations, deployments, mobilizations, permanent change of station, temporary duty assignments, drills, and unit training assemblies.

## Military-Affiliated Student Tuition & Fee Deferral Policy

RE: [Veterans Benefits and Transition Act of 2018](#)

SUNY New Paltz will allow military-affiliated students with VA, DoD, and/or New York State Military/Veteran tuition and/or fees educational

benefits to attend a course of education for up to 90 days from the date the beneficiary provides one of the following:

- Certificate of Eligibility
- Approved DoD Tuition Assistance Voucher
- Listed on the NYS RIRP Approved Roster
- Valid VA Form 28-1905
- Other related approved military-affiliated educational benefit's verification document

This allows a student to attend the course(s) until VA, DoD, and/or New York State provides payment to the institution. NOTE: Extension to 90-day deferral will be granted to students upon delay of payment beyond 90 days.

IAW the Veterans Benefits and Transition Act of 2018, SUNY New Paltz will not impose a penalty (e.g., loss of access to Brightspace, meal plan, late fee, etc.), additional cost (processing fees), or require the beneficiary to borrow additional funds to cover tuition and fees due to late payment from the VA, DoD, and/or New York State.

Definitions:

- IAW – In Accordance With
- DoD – Department of Defense
- VR&E – Vocational Rehabilitation and Employment
- VA – Department of Veteran Affairs
- RIRP – Recruitment Incentive & Retention Program

**Presidential Executive Order 13067 (April 27, 2012):  
Establishing Principles of Excellence for Educational  
Institutions Serving Service Members, Veterans,  
Spouses, and other Family Members**

**Return of DoD Tuition Assistance Funds**

Military Tuition Assistance (TA) is awarded to a student under the assumption that the student will attend school for the entire period for which the assistance is awarded. When a student withdraws, the student may no longer be eligible for the full amount of TA funds originally awarded.

To comply with Department of Defense policy SUNY New Paltz will return any unearned TA funds on a prorated basis through the 60% portion for which the funds were provided. TA funds are earned proportionally during an enrollment period, with unearned funds returned based upon when a student stops attending. These funds are returned to the military service branch.

Return of TA rates for each semester length are available from the Office of Veteran & Military Services. For withdrawals due to military service obligations, please see the Military Leave of Absence policy.



## Degree Requirements

Following are the degree requirements for undergraduate students who matriculate at New Paltz in fall 2023 or after. Please note:

- Only those students who have been formally admitted to the university through the general admission process are considered to be degree candidates.
- No student may graduate under degree requirements obsolete more than 10 years.

### Student are eligible for a New Paltz degree upon completion of:

- At least 120 academic credits
- The General Education program<sup>1</sup>
- A minimum number of Liberal Arts credits. The difference between degree types is the minimum number of credits completed in liberal arts courses (p. 187):
  - 90 for the Bachelor of Arts (BA) degree
  - 60 for the Bachelor of Science (BS) degree
  - 30 for the Bachelor of Fine Arts (BFA) degree

Most courses offered by SUNY New Paltz are liberal arts courses and are designated as such in the Undergraduate Catalog and the Schedule of Classes. Courses which are technical or skill oriented are "non-liberal arts" courses and have no designation in the Schedule of Classes. Transfer credits evaluated as liberal arts credits are applied to the Liberal Arts requirement.

- At least 45 upper-division credits, of which at least 24 are in the major

Any course at the 300 or 400 level (e.g., ECO303 Money and Banking ) is an upper-division course and its credits are applied to this requirement. Transfer credits evaluated as upper division are also applied to this requirement.

- At least 30 credits in residence

Work taken "in residence" comprises courses offered by SUNY New Paltz or in an overseas program sponsored by SUNY New Paltz or any SUNY-funded overseas program. Residential credit also includes:

- Courses taken while enrolled as a non-matriculated student at the university;
- SUNY New Paltz courses offered at locations other than the main campus;
- New Paltz courses offered online.

Credits that do not count toward the university's residency requirement include:

- Transfer credits;
- Credit earned through examination;
- Online courses taken elsewhere, including courses taken through Open SUNY. These are considered transfer credits.

- Academic major requirements

Students will be expected to fulfill the major requirements that are in effect at the date of the declaration or redeclaration of their major. One-half of the major credits must be taken in residence, as defined above. See also Progress Towards Degree (p. 190), "Degree Time Limitation" section.

- A minimum cumulative grade point average (GPA) of C (2.00 on a 4.00 grading scale)

For information on how to compute a cumulative average, see *Academic Policies: Grade Point Average (GPA)* (p. 184).

- A Writing Intensive (WI) course taught at New Paltz

This applies to all New Paltz students, including transfer students, except those who are pursuing a second bachelor's degree.

#### <sup>1</sup> Notes for readmitted students:

- Students who leave New Paltz and are readmitted within 3 years (6 consecutive semesters) may continue under the General Education program in effect at the time of their separation from the university.
- Students who are readmitted more than 3 years (6 consecutive semesters) after separation must meet all requirements of the General Education program in effect at the time of their readmission.
- Students who are readmitted after a dismissal must meet all requirements of the General Education program in effect at the time of their readmission.

# General Education Program

## Introduction to General Education

SUNY New Paltz's General Education (GE) program lays the foundation for students' intellectual development by providing a broad knowledge base, essential communication skills, and opportunities to explore new perspectives, ways of thinking, arguing, and being. GE courses teach students *how* to think instead of *what* to think. Through New Paltz's diverse GE course offerings, students develop a capacity for lifetime learning and adaptability in a rapidly changing world.

In fall 2023, New Paltz introduced GE 5, our newest General Education program. GE 5 aligns with SUNY's [General Education Framework](#) and shares its goals of addressing essential skills and competencies, exploring disciplinary and interdisciplinary ways of knowing, and encouraging engaged learning and student success.

**The GE 5 program applies to students who matriculate in or after fall 2023.** Students who matriculated at New Paltz prior to fall 2023 will complete the General Education program under which they entered the university:

- The GE4 program applies to students who matriculated at New Paltz *from fall 2019 through spring 2023*.
- Students who matriculated at New Paltz *prior to fall 2019* will complete the program known as GE III (GE3).

## General Education 5 (GE 5)

New Paltz's General Education 5 (GE 5), in keeping with SUNY's system-wide General Education Framework, addresses the fundamental aims of undergraduate education, including proficiency with essential skills and competencies, familiarization with disciplinary and interdisciplinary ways of knowing, and enhancement of the values and disposition of an engaged 21st-century global citizenry.

### What will GE 5 look like for you?

#### Starting college at SUNY New Paltz?

The GE 5 program offers ten knowledge and skills areas that will expose you to different ways of knowing, enabling you to make reasoned judgments outside as well as inside your academic field and develop diverse perspectives and global understanding. You'll acquire two core competencies - Critical Thinking & Reasoning and Information Literacy - that extend beyond discipline-specific knowledge and skills and infuse your learning experience.

For most new-to-college students<sup>1</sup>, GE 5 will look like this:

GE Category	Requirement
Mathematics (and Quantitative Reasoning)	1 course
Communication - Written and Oral	1 course: ENG170 Writing & Rhetoric (prerequisite: ENG160 Composition I or by placement)
Natural Sciences (and Scientific Reasoning)	1 4-credit science lecture/laboratory <b>or</b> 1 3-credit science lecture course + 1 corresponding 1-credit science lab course <b>or</b> 2 3-credit science courses (non-lab)

Diversity: Equity, Inclusion & Social Justice	1 course
Social Sciences	1 course
U.S. History & Civic Engagement	1 course
World History & Global Awareness	1 course
Humanities	1 course
The Arts	1 course (minimum 3 credits)
World Languages	2 consecutive elementary courses in a single language <b>or</b> 1 elementary and 1 intermediate course in a single language <b>or</b> 1 intermediate course (requirement depends on language placement level)

All undergraduate degree-seeking students must also demonstrate the required student learning outcomes in two core competencies:

Critical Thinking & Reasoning	Students will develop these competencies in several
Information Literacy	courses both inside and outside their major.

*Total credits to complete the full GE 5 program: 32 (minimum)*

#### Transferring to New Paltz with college credits or an associate's degree?

- If you completed college-level courses prior to coming to New Paltz, your [pre-matriculation transfer credits](#) (p. 194) may count toward your GE 5 program. Check your progress report for details.
- GE knowledge and skills areas successfully completed at another SUNY campus will be accepted and applied to your degree at New Paltz.
- If you earned a SUNY A.A. or A.S. degree *and* completed SUNY's minimum General Education requirement, your GE 5 program at New Paltz will be fully satisfied.

#### Special note for engineering transfer students:

- If you completed a SUNY A.S. Engineering Science degree *and have not yet completed* SUNY's minimum General Education program, you will do so at New Paltz. Check your progress report for details.

<sup>1</sup> See "Modified General Education Program" for exceptions.

## General Education 4 (GE4)

(for students who matriculated fall 2019 through spring 2023)

General Education 4 (GE4) provides students with a broad foundation for academic and professional development and for personal exploration. It encourages students to take chances in new and unfamiliar fields and to develop a broad knowledge base and essential communication skills that they will draw upon throughout their lives.

GE4 is organized around three categories of knowledge:

### Category I: Foundation Skills

Category I GE courses *develop skills in basic communication, mathematics, and foreign language*.

Required knowledge and skills areas:

- Mathematics (*one course*)
- Basic Communication (*one course; a prerequisite course may be required based on placement level*)
- Foreign Language (*two consecutive elementary courses or one elementary and one intermediate course in a single language, or one intermediate course - requirement depends on language placement level*)

## Category II: Exposure to the Disciplines

Category II courses *introduce art, the humanities, and the natural and social sciences and the different "ways of knowing" that these disciplines represent.*

Required knowledge and skills areas:

- The Arts (*one course, minimum 3 credits*)
- Humanities (*one course*)
- Natural Sciences (*4 credits of lab science or 6 credits of non-lab science - see details below*)
- Social Sciences (*one course*)

## Category III: Regions of the World

Category III courses *explore questions about identity and encourage students to become informed, engaged, and thoughtful citizens of the world.*

Required knowledge and skills areas:

- United States Studies (*one course*)
- Western Civilization (*one course*)
- World Civilizations (*one course*)

## New Paltz GE4 Requirements

Students must complete at least one course in each of the ten General Education categories.

Each major is designed to support students' progressive development of competency in Critical Thinking and Information Management.

GE Category	Requirement
Mathematics	1 course
Basic Communication	1 course: ENG170 Writing & Rhetoric or equivalent (prerequisite: ENG160 Composition I or by placement)
Natural Science	1 4-credit science lecture/laboratory course <b>or</b> 1 3-credit science lecture course + 1 corresponding 1-credit science lab course <b>or</b> 2 3-credit science courses (non-lab)
Social Science	1 course
United States Studies	1 course
Western Civilization	1 course
World Civilizations & Cultures	1 course
Humanities	1 course
The Arts	1 course (minimum 3 credits)
Foreign Language	2 consecutive elementary courses <b>or</b>

1 elementary and 1 intermediate course in a single language **or**

1 intermediate course

(requirement depends on language placement level)

Minimum total credits = 32

## General Education III (GE3)

(for students who matriculated prior to fall 2019)

By introducing students to different fields of study and different methods of determining knowledge, General Education III provides a foundation for the liberal education that New Paltz offers. "GE III" is designed to encourage a global perspective as well as an understanding of the traditions and complexities of a democratic society. The program encompasses the SUNY-wide general education requirements in place until fall 2023. A defining feature of GE III is its attention to developing students' capacities to think critically while providing the breadth and depth of knowledge that will allow them to become active citizens and productive members of society.

## New Paltz GE III Requirements

The *critical thinking competencies* of Effective Expression, Systematic Inquiry, Information Literacy, and Ethical Reflection are infused throughout the New Paltz categories of academic knowledge.

GE Category	Requirement
Composition II (prerequisite: Composition I)	1 course
Mathematics	1 course
Natural Sciences	2 courses
Social Sciences	1 course
United States Studies	1 course
Western Civilization	1 course
World Civilizations & Cultures	1 course
Humanities	1 course
Arts	1 course
Foreign Language	1 or 2 courses, depending on placement level
Diversity	1 course

Minimum total credits = 36

## Students Who Follow a Modified General Education Program

### Students Majoring in Engineering

Students majoring in Computer Engineering, Electrical Engineering, or Mechanical Engineering follow a modified General Education program based on the New Paltz GE program in effect at the time of matriculation. In all cases, modifications meet or exceed SUNY's minimum General Education requirement and are reflected in students' progress reports.

### Students with Written and Oral Proficiency in a Language Other Than English

New Paltz will waive the World Languages (previously "Foreign Language") requirement in instances where a student has had significant, documentable education in a country where English is not the language

of instruction. A student who can demonstrate through appropriate documentation competencies in oral, reading and written expression in a language other than English may also apply for a waiver. Approval must be obtained through the Department of Languages, Literatures and Cultures.

## Academic Programs: Majors & Minors

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## Multidisciplinary

- [General Studies](#) (p. 175)



## College of Liberal Arts & Sciences

We are the largest and most diverse academic unit at the SUNY New Paltz. We are home to 17 departments and interdisciplinary programs, primarily in the humanities and social sciences. In addition to undergraduate major courses of study and graduate programs, the College of Liberal Arts & Sciences currently offers 11 interdisciplinary minor curricula, often in conjunction with other schools on campus. We are also host to allied units such as the Speech-Language and Hearing Center and the Center for Middle Eastern Dialogue. Through these programs, students develop the knowledge and skills of a liberal education and acquire focused expertise in fields of major and minor study.

Our faculty's work at New Paltz reflects their passionate intellectual and professional engagement. Together with our students, in curricular and co-curricular learning experiences, we promote reasoned, compassionate dialogue. We are devoted to students' success as lifelong learners and as engaged global citizens who will collaborate with diverse partners.

The liberal arts and sciences are enduringly relevant, for they train students to address vital human questions. Even as traditional liberal arts disciplines become more porous, integrating with greater fluency insights and methods of inquiry from multiple fields of study, they retain their purpose of educating students to think critically and creatively about complex problems. Increasingly, too, the liberal arts and sciences will take advantage of new technology to respond to age-old questions and to pose new ones. The data available to us through modern technologies can be daunting; both in traditional and new media, the liberal arts and sciences must draw intelligently and ethically on these data to understand the past and present and to shape the future.

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## Ancient World Studies

Web address: [www.newpaltz.edu/ancientstudies](http://www.newpaltz.edu/ancientstudies)

### About the Minor

Ancient World Studies is an interdisciplinary program that focuses on the study of the world before the Middle Ages – everything from the Paleolithic period to the late Roman Empire, covering the Near East (Israel, Mesopotamia, Persia and their neighbors), Egypt, Greece and Rome, China, India, Japan, and all regions in between. It can also encompass the study of the cultures of the Americas – North American Indians, as well as the great urban American cultures of the Inca, the Maya, the Aztecs and others – before the arrival of European explorer/conquerors in the fifteenth century. With courses in philosophy, history, English, political science, art history, anthropology, and foreign languages, students in the Ancient World Studies minor can explore and learn about the ancient world from almost any angle.

Students who minor in Ancient World Studies will be well positioned for graduate studies in archaeology/anthropology, classics, Egyptology, or any other specialized discipline dealing with the ancient world. Beyond that, the skills stressed in Ancient World Studies courses – languages, research, analysis, writing – are valuable in almost any field of endeavor. But possibly the most valuable thing the minor has to offer is a wider and deeper perspective on what it means to be human, which is crucial to understanding today's globalized, multicultural world. As Homer's *Odyssey* says of the hero Odysseus: "He saw many cities, and knew the minds of many men." A minor in Ancient World Studies offers SUNY New Paltz students the opportunity to travel widely in both space and time – to really follow in the footsteps of Odysseus.

For more information about this minor, please contact Andrea Gatzke, Associate Professor of History and Ancient World Studies program coordinator, JFT 210, 845-257-3523 or [gatzkea@newpaltz.edu](mailto:gatzkea@newpaltz.edu).

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## Minor in Ancient World Studies

(18 credits)

Students must take at least 18 credits from at least three academic departments. A maximum of 9 credits may be from any one academic department. A maximum of 3 credits applied to another major or minor may also count for the Ancient World Studies minor. Special topics courses not on the list of approved courses may be approved by the Minor Coordinator.

## List of Approved Courses

### Anthropology

Code	Title	Credits
ANT213	Principles of Archaeology	3

### Art History

Code	Title	Credits
ARH340	The Arts of Early China	3
ARH365	Early Greek Art	3
ARH366	Later Greek Art	3
ARH367	The Art of Ancient Rome	3
ARH386	Art of Ancient Egypt	3
ARH401	Art of the Ancient Near East	3

### English

Code	Title	Credits
ENG355	The Bible	4
ENG356	Greek and Roman Literature	3

### History

Code	Title	Credits
HIS200	Ancient World	4
HIS203	History of Ancient Greece	3
HIS312	Alexander the Great & the Hellenistic World	3
HIS313	Religion and Power in the Ancient Near East	3
HIS314	Roman Empire	3

HIS316	Gender and Sexuality in Classical Antiquity	3
HIS369	Ancient Israel	3
HIS370	Bible: Myth and History	3

### Philosophy

Code	Title	Credits
PHI211	Ancient Greek Philosophy	3
PHI310	Later Greek and Roman Philosophy	3
PHI330	Chinese Philosophy	3
PHI334	Indian Philosophy	3

### Political Science

Code	Title	Credits
POL220	Athens and Jerusalem: Political Thought in the Ancient and Medieval Worlds	4

## Anthropology

Phone: (845) 257-2990

Location: Wooster Hall 319

Web address: [www.newpaltz.edu/anthropology](http://www.newpaltz.edu/anthropology)

Who are we? Where did we come from? Where are we going?

Anthropology, the study of human diversity across geographic space and evolutionary time, takes on these far-reaching questions. Courses in the Department of Anthropology deal with three areas:

- Physical anthropology is concerned with the evolution of human beings as biological organisms and with the physical variation within contemporary human populations.
- Archaeology and prehistory explore the extinct cultures of the past and attempt to elucidate the processes involved in their development.
- Sociocultural anthropology is involved with the comparative analysis of socially learned behavior patterns and institutions of contemporary populations from all areas of the world.

A background in anthropology is a valuable asset in today's job market. The skills you learn as a major are applicable to a wide range of careers. Many of our majors have continued on to graduate studies and have also used their anthropological training to enter fields such as business, law, government, education, international relations, public health, and social and environmental activism.

## Archaeology Field School

The department offers a summer program that affords students the opportunity to participate in an actual archaeological excavation. Emphasis is placed on excavation techniques, methods of classification and analysis, and anthropological interpretation. At present, efforts are concentrated on Paleo-Indian, Archaic, Woodland and Contact Period sites in the mid-Hudson region of New York.

## Anthropology (BA, BS) Program Learning Outcomes

- Demonstrate in-depth, holistic knowledge of the cultures of at least two different geographical areas.

- Be able to apply one or more major anthropological theories of culture and/or approaches to understanding the human condition to empirical anthropological data.
- Be able to apply qualitative and quantitative research skills in one of the anthropological subfields.
- Demonstrate capacity to think across the four anthropological subfields represented in the department curriculum.
- Information Literacy (General Education): locate information effectively using appropriate tools; evaluate information with an awareness of authority, validity, and bias; and demonstrate an understanding of the ethical dimensions of information use, creation, and dissemination.
- Critical Thinking and Reasoning (General Education): clearly articulate an issue or problem; identify, analyze, and evaluate ideas, data, and arguments as they occur in one's own or others' work; acknowledge limitations such as perspective and bias; and develop well-reasoned (logical) arguments to form judgments and/or draw conclusions.
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## Major in Anthropology

(42 credits)

*Please note:*

- A minimum grade of C- is required for a course to count toward the requirements of the major.
- Only three (3) credits of Independent Study may be applied to the major unless otherwise approved by the major advisor or the chair of Anthropology.
- Majors are encouraged to go beyond the 42-credit program in order to develop greater concentrations in the particular sub-fields of anthropology. In addition to taking more courses within the anthropology curriculum, they are encouraged to study in the related fields.

Code	Title	Credits
<b>Required Introductory Courses (12 Credits)</b>		
ANT213	Principles of Archaeology	3
ANT214	Principles of Cultural Anthropology	3
ANT215	Principles of Biological Anthropology	3
ANT216	Language and Culture	3
<b>Required Upper-Division Core Courses (12 Credits)</b>		
ANT400	Development of Anthropological Thought	3
ANT401	Comparative Social Organization	3
ANT402	Research Methods in Anthropology	3
ANT490	Seminar Four Fields of Anthropol	3
<b>Required Electives (18 Credits)</b>		
Six (6) additional anthropology courses are required, two (2) of which must focus on different world areas (see list below).		18
<b>Total Credits</b>		<b>42</b>

## World Area Courses

The following courses fulfill the World Area requirement for the major. You must take one (1) course from two (2) different areas. Please consult with your advisor as some selected topics courses (ANT393 Anthro Selected Topic, ANT493 Anthropology Selected Topic) may also fulfill this requirement.

### Asia

Code	Title	Credits
ANT370	Cultures of East Asia	3
ANT371	Culture and Society of Vietnam	3

## North America

Code	Title	Credits
ANT312	North American Archaeology	3
ANT314	New York State Archaeology	3

## South America

Code	Title	Credits
ANT305	Cultures of South America	3
ANT306	Cultures of Brazil	3

# Minor in Anthropology

(18 credits)

*Please note:*

- A minimum grade of C- is required for a course to count toward the minor requirements.
- Only three (3) credits of Independent Study may be applied to the minor unless otherwise approved by the advisor or department chair.

Code	Title	Credits
<b>Required Courses (6 Credits)</b>		
ANT211 or ANT214	General Anthropology Principles of Cultural Anthropology	3
ANT213 or ANT215	Principles of Archaeology Principles of Biological Anthropology	3
<b>Required Upper-Division Electives (6 Credits)</b>		
One (1) 300-level Anthropology course		3
One (1) 400-level Anthropology course		3
<b>Other Required Electives (6 Credits)</b>		
Two (2) additional Anthropology courses at any level		6
<b>Total Credits</b>		<b>18</b>

## Asian & Asian American Studies

**Phone:** (845) 257-3538

**Location:** JFT 418

**Web address:** [www.newpaltz.edu/asianstudies](http://www.newpaltz.edu/asianstudies)

The Asian Studies program offers students the opportunity to deepen their international outlook and cultural understanding of Asia through interdisciplinary study that draws on the expertise of faculty from over 10 academic departments. Our major and minor in Asian Studies combine Japanese or Chinese language study with regional coverage of South, Southeast, East, and Northeast Asia. Students who major in Asian Studies often choose to pursue a minor or a second major in a different discipline to broaden their academic experience.

*New in fall 2023*, a minor in Asian American Studies complements the Asian Studies major and minor, offering students an opportunity to study Asian American history, culture, and society from the perspective of different disciplines. Through courses in literature, sociology, history, cultural geography, and media studies, students will increase their awareness of this important community in the U.S.

The Asian Studies program strongly encourages study abroad in Asia. Through the campus' [Center for International Programs](#), students have

access to many opportunities including, but not limited to, programs in China, Japan, Korea, and India.

Graduates with expertise in Asia are sought by employers in a wide range of professions, including academia, business, government and think tanks, international companies and organizations, libraries and museums, media, non-profit organizations, and the teaching professions at home and abroad.

## Asian Studies (BA) Program Learning Outcomes

- Speak, read and write at least one Asian language (at the intermediate level);
- Demonstrate an integrated, balanced understanding of the region in the humanities/arts and the social sciences (General Education: Critical Thinking and Reasoning);
- Conduct research on Asia and exhibit a familiarity and comfort with various data sources on Asia (General Education: Information Literacy);
- Illustrate skills in one or more disciplinary approaches to the study of Asia;
- Acquire substantive knowledge of Asia.
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- [Minor in Asian American Studies](#) (p. 52)

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## Major in Asian Studies

(35 credits)

When declaring the major, students submit a brief personal statement of intent.

Students majoring in Asian Studies must receive no less than C- in any course used to satisfy the major requirements.

Up to 16 transferred credits from study abroad may be applied to the major.

When applying to graduate, students submit a short exit essay reflecting upon their intellectual development, along with one or more examples of their best written work.

Code	Title	Credits
<b>Required Courses (8 Credits)</b>		
Each major is required to complete at least one year of intermediate-level language study in either Chinese or Japanese. <sup>1</sup>		8
CHI201	Intermediate Chinese 1	
or JPN201	Intermediate Japanese I	
CHI202	Intermediate Chinese II	
or JPN202	Intermediate Japanese 2	
<b>Asian Studies Electives (26 Credits) <sup>2</sup></b>		
Students must complete, by advisement:		26
Asian Studies Social Sciences (AS-SOC) courses: 12-14 credits		
Asian Studies Arts & Humanities (AS-ARTS) courses: 12-14 credits <sup>3</sup>		
Within the AS-SOC and AS-ARTS elective categories, select one course from each of the following sub-categories:		
Asian Studies Perspectives (ASP): minimum 3 credits		
Beyond China or Japan (AREA): minimum 3 credits		
Capstone Prerequisite Course (CPC): minimum 3 credits <sup>4</sup>		
<b>Capstone Seminar (1 Credits)</b>		
ASN400	Asian Studies Seminar	1
<b>Total Credits</b>		<b>35</b>

<sup>1</sup> Students with a high degree of language proficiency in these or other Asian languages may take 8 credits in other Asian Studies courses.

<sup>2</sup> At least 23 elective credits must be at the upper division (300/400 level).

<sup>3</sup> Please refer to the current list of AS-SOC and AS-ARTS courses: [Asian Studies Course Grid rev Fall 2022](#) (for students who declare the major as of fall 2022 or after)  
[Asian Studies Course Grid](#) (for students who declared the major *prior* to fall 2022)

<sup>4</sup> Students must earn a minimum grade of B- on their CPC research paper. For more information about CPC courses and the Capstone course (ASN 400), [see this information sheet](#).

## Minor in Asian Studies

(18 credits)

The minor provides an introduction to the study of Asian languages and culture. To students of Asian descent it also serves to provide a better appreciation of themselves and their heritage.

Students minoring in Asian Studies must receive no less than C- in any course used to satisfy the minor requirements.

Code	Title	Credits
<b>Required Courses (8 Credits)</b>		
One year of language study in either Chinese or Japanese. Students with language proficiency in these or other Asian languages may take 8 credits in other Asian Studies courses.		8
<b>Content Courses on Asia (10 Credits)</b>		
One course in the civilization or culture of the country whose language is being studied and additional courses in Asian Studies to total 10 credits. At least 6 credits must be upper-division (300/400-level) courses. <sup>1</sup>		10
<b>Total Credits</b>		<b>18</b>

<sup>1</sup> Up to 8 transferred credits from study abroad may be applied toward the minor.

## Minor in Asian American Studies

Students minoring in Asian American Studies must receive no less than C- in any course used to satisfy the minor requirements.

(15 credits)

Code	Title	Credits
<b>Required Foundation Course (3 Credits)</b>		
Select one of the following:		3
ASN300	Asian Americans	
GEO318	Place, Identity, and Belonging in Asian America	
<b>Elective Courses on Asian Americans (12 Credits)</b>		
Select four courses in Asian American literature, culture, history, and society from at least two different disciplines. <sup>1</sup>		12
JPN201	Intermediate Japanese I	
JPN202	Intermediate Japanese 2	
CHI201	Intermediate Chinese 1	
CHI202	Intermediate Chinese II	
ASN300	Asian Americans	
DMJ310	Media and Diversity	
ENG400	Asian American Literature	
GEO318	Place, Identity, and Belonging in Asian America	
HIS302	American Immigration	
HIS384	American Nationalisms	
SOC315	Race and Ethnicity	
SOC362	Race, Class, and Gender	
SOC381	Immigration & Identity	
<b>Total Credits</b>		<b>15</b>

<sup>1</sup> Students may take an intermediate-level Japanese or Chinese course (JPN201, CHI201, JPN202, CHI202) as one of the four elective courses.

## Black Studies

**Phone:** (845) 257-2760

**Location:** Old Main B120

**Web address:** [www.newpaltz.edu/blackstudies](http://www.newpaltz.edu/blackstudies)

Black Studies takes a multi-disciplinary approach to the exploration and analysis of the history and culture of African people in the United States, Caribbean, and Africa. Our field defines the Black experience from an African and Afro-American perspective, illuminates the contribution of African people to world culture, and corrects a traditional approach to the study of world history that has tended to bypass the African Diaspora experience.

A major in Black Studies may be utilized as the foundation for graduate studies in all areas of social sciences. It provides a background for students interested in the field of social welfare and an added dimension for those seeking careers in government and foreign services. The Black Studies education curricula lead to careers in teaching at the elementary level (Birth-Grade 6; see [Early Childhood & Childhood Education](#) (p. 121)). Students may also choose a minor in Black Studies.

## Black Studies (BA, BS) Program Learning Outcomes

- Critical race theoretical thinking skills: timing, parsimony, process, prediction (General Education: Critical Thinking and Reasoning);
- Identification and classification skills: able to classify and identify national and global; social, cultural, political and economic influences on race and equality (General Education: Information Literacy);
- Sensitivity, empathy, and appreciation for the perspectives, cultures, and institutions of the people of African descent;
- Research: use the library and online resources to understand the work of scholars;
- Writing: craft an argument with an introduction, claim, reason, evidence, response, and conclusion;
- Public Speaking: present a coherent argument to a group of informed or uninformed listeners;
- Leadership and Teamwork: students can work in teams or provide instructions to accomplish a group project.
- [Major in Black Studies](#) (p. 53)
- [Minor in Black Studies](#) (p. 54)

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## Major in Black Studies

(33 credits)

Code	Title	Credits
<b>Required Courses (12 Credits)</b>		
BLK100	Intro To Black Studies	3
BLK201	Black History I	3
BLK202	Black History II	3
BLK490	Seminar in Black Studies	3
<b>Core Courses (12 Credits)</b>		
One course from each of the four cores: historical, humanities, socio-psychological, and political-economic.		12
<b>Electives (9 Credits)</b>		
Each major candidate is required to complete, by advisement, 3 additional Black Studies courses. <sup>1</sup>		9
<b>Total Credits</b>		<b>33</b>

## Historical Core

Code	Title	Credits
BLK200	Introduction To Africa	3
BLK231	Development of Afro-Latin Amer. Civilization (1492-1825)	3
BLK232	Contemporary Afro-Latin American Civilization Since 1825	3
BLK301	Survey of Pre-Colonial Africa to 1800	3
BLK302	Survey of Contemporary Africa: Nineteenth Cent to Present	3
BLK309	Introduction to Afro-Brazilian History	3
BLK311	Blacks in the Caribbean, 1492-Present	3
BLK325	History of Slavery in the Americas	3

BLK331	The American Civil Rights Movement	3
BLK347	History of South Africa	3
BLK369	History of Terrorism Against Blacks and Native Americans	3
BLK401	Blacks in New York History	3
BLK417	The African Diaspora in World History	3
BLK450	The Portuguese in Africa	3
BLK460	West African Kingdoms in the Nineteenth Century	3
BLK522	African/African-American History & Experiences	3

## Humanities Core

Code	Title	Credits
BLK205	The Black and Latino Experiences: Writing For Scholars	3
BLK260	Essence of Black Music	3
BLK263	Black Dance	3
BLK265	African American Art	3
BLK268	Survey of Black American Literature	3
BLK269	Black Poetry and Drama	3
BLK272	Rap and Spoken Word	3
BLK300	Gospel Choir Voices of Unity	2
BLK310	Blacks and the Media	3
BLK315	Black and Latino Child Lit	3
BLK320	Contemporary Black American Literature	3
BLK323	Black Poetry	3
BLK328	Black Drama in America	3
BLK333	Black Rhetoric	3
BLK363	African Dance	3
BLK372	Hip Hop Culture	3
BLK375	Black Gospel Music	3
BLK380	Black Music of the 1960's	3
BLK396	Black English: Language and Culture	3
BLK412	Critical Analysis of Black American Literature	3
BLK415	Recurrent Themes in Black Literature	3
BLK510	Contemporary Black Women's Literature	3

## Socio-Psychological Core

Code	Title	Credits
BLK221	The Black Woman	3
BLK271	Black Sociology	3
BLK285	Introduction to African Psychology: A Cultural Approach	3
BLK340	Psychology of Black Americans	3
BLK350	Contemporary Social Issues in the Black Community	3
BLK355	The Black Family	3
BLK357	Psychology of the Black Child	3
BLK370	Education in the Black Community	3
BLK420	Counseling Underrepresented Students	3

## Political-Economic Core

Code	Title	Credits
BLK175	Issues in the Education of Underrepresented College Students	3
or INT175	Issues in the Education of Underrepresented College Students	
BLK250	Malcolm X Man and Times	3
BLK275	Advocacy Journalism in the Black Community	3
BLK290	The Political Economy of Black America	3
BLK330	Race and Racism in US Hist	3
BLK335	Blacks and the American Law	3
BLK345	Black and Latino Leadership	3
BLK360	Politics of the U.S.A. and the Black Community	3
BLK364	History of Black Political Thought	3
BLK430	Black Organization and Movements in the Twentieth Century	3

<sup>1</sup> Majors are encouraged to take KIS101 Elementary KiSwahili I and KIS102 Elementary KiSwahili II to fulfill their language requirement for General Education. Other elective options granted on an individual basis are BLK494 Fieldwork In Black Studies and BLK495 Indep Study Black Studies.

## Minor in Black Studies

(18 credits)

Code	Title	Credits
<b>Required Course (3 Credits)</b>		
BLK100	Intro To Black Studies	3
<b>Electives (15 Credits)</b>		
Each minor candidate is required to complete, by advisement, five (5) additional Black Studies courses in two different cores. It is highly recommended that each minor candidate take one course from the Historical Core. <sup>1</sup>		15
<b>Total Credits</b>		<b>18</b>

<sup>1</sup> Minors are also encouraged to consider taking KIS101 Elementary KiSwahili I and KIS102 Elementary KiSwahili II to fulfill their language requirement for General Education.

## Historical Core

Select from the Historical Core courses listed for the [Major in Black Studies](#) (p. 53) or from these additional elective options:

Code	Title	Credits
BLK201	Black History I	3
BLK202	Black History II	3

## Humanities Core

Select from the Humanities Core courses listed for the [Major in Black Studies](#) (p. 53).

## Political-Economic Core

Select from the Political-Economic Core courses listed for the [Major in Black Studies](#) (p. 53).

## Socio-Psychological Core

Select from the Socio-Psychological Core courses listed for the [Major in Black Studies](#) (p. 53).

## Communication Disorders

**Phone:** (845) 257-3620

**Location:** Humanities Building, Room 8D

**Web address:** [www.newpaltz.edu/commdis](http://www.newpaltz.edu/commdis)

Undergraduate study in communication disorders has been offered at New Paltz since 1969. The Bachelor of Arts (BA) degree program is a liberal arts and sciences major that prepares students for graduate study and careers in speech-language pathology, audiology, and related areas such as deaf education. General Education courses in American Sign Language and Deaf Studies are available, as is an interdisciplinary minor in Deaf Studies. The department also offers ASHA-accredited graduate programs in Communication Disorders, with concentrations in Speech and Language Disabilities (with teaching certificate) and Speech-Language Pathology.

Students who may be interested in majoring in Communication Disorders are urged to contact the department early in their academic careers for pre-major advisement. Students may begin this major prior to or during the fall of their junior year. For more information, please visit [the department's website](#) and consult the *Undergraduate Program Guide* published there.

## Facilities

The SUNY New Paltz [Speech-Language and Hearing Center](#) serves the community while providing students with on-site clinical training. The Center serves over 1,000 individuals each year, providing a full range of diagnostic and therapy services in both speech-language pathology and audiology. Services are coordinated by full-time supervisory staff. All supervisors hold ASHA certification and NYS licensure.

Facilities for Speech-Language Pathology include five speech-therapy suites and a diagnosis room with audio and video observation systems, as well as a student preparation room. The Center has a comprehensive collection of therapy materials and diagnostic tests and computer-based instrumentation systems for diagnosis and therapy.

The Audiology clinic includes two sound-proofed audiometric test suites, intake and hearing-aid dispensing areas, and a room for auditory-evoked potential testing. Equipment is state-of-the-art, including audiometers, immittance bridges, evoked potential units, an otoacoustic emissions analyzer, and a real-ear and measurement system. A PC-based system is used in the dispensing of programmable digital hearing aids.

The Center also has a pleasant waiting room with areas for adults and children, a classroom (with one-way observation into the diagnostics room) and a computer classroom with 14 Pentium PCs and a network printer.

Additional resources may be found in the Sojourner Truth Library, which holds an extensive collection of books, journals, and clinical test materials. The library also subscribes to relevant electronic databases.

## Communication Disorders (BA) Program Learning Outcomes

- Demonstrate strong foundational knowledge in social, behavioral, and physical sciences, including the scientific foundations of human communication and swallowing processes.
- Develop and evaluate evidence-informed arguments and decision making related to speech-language pathology and audiology (General Education: Critical Thinking and Reasoning).
- Apply knowledge of the scientific bases of communication and typical patterns of hearing, speech, and language development to their study of communication disorders.
- Demonstrate higher order reading, writing, listening, and oral communication skills.
- Attain a broad-based perspective reflective of societal diversity.
- Demonstrate collaborative skills and explain interprofessional practices.
- Recognize the scope of practice for the professions of speech-language pathology and audiology, acknowledge the standards of ethical conduct, and advocate for people who have communication disorders.
- Locate, evaluate, and synthesize information from a variety of sources (General Education: Information Literacy).
- Major in Communication Disorders (p. 55)
- Deaf Studies (p. 59)

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## Major in Communication Disorders

(49-50 credits)

### Notes:

- Admission to the major requires a 3.0 grade point average (GPA) and completion of at least 30 credits.
- Grades below C- in Communication Disorders courses are not accepted.
- A 2.0 Communication Disorders course average is required for degree application.
- Students must complete 45 upper-division credits to qualify for degree.



Students who want to pursue graduate studies in communication disorders will need to take additional coursework beyond the major plan. Please discuss the additional requirements with a department advisor.

Code	Title	Credits
<b>Required Core Courses (36 Credits)</b>		
CMD200	Survey of Communication Disorders	3
CMD202	Deaf Culture and Heritage	3
CMD302	Phonetics	4
CMD304	Speech and Hearing Science	4
CMD306	Language Development in Children	3
CMD310	Anatomy & Physiology of Speech and Swallowing	4
CMD317	Audiology	3
CMD401	Observations and Clinical Methods	3
CMD409	Introduction to Aural Rehabilitation	3
CMD415	Disorders of Child Language	3
CMD419	Research in Communication Disorders	3
<b>Core Elective (3-4 Credits)</b>		
Select, by advisement, 3-4 credits from the following courses:		3-4
CMD314	Autism Spectrum Disorders	
CMD315	Disorders of Fluency and Voice	
CMD402	Clinical Participation I	
CMD403	Clinical Participation II	
CMD453	Research Plans and Projects	
CMD474	Clinical Participation in Audiology	
CMD293/393/493	Selected Topics in CMD	
SAB339	Ethiopia Deaf Study Abroad	
<b>Other Electives (6 Credits)</b>		
Select, by advisement, 6 credits from the following:		6
CMD203	Intermediate American Sign Language 1	
CMD205	Intermediate American Sign Language 2	
CMM104	Public Speaking	
EDS371	Child Psychology and Development	
EDS372	Developing Adolescence	
ENG226	Practical Grammar	
LINxxx	Any Linguistics course	
SOC350	Introduction to Human Services	
SPA363	Spanish Phonetics and Oral Practice	
SPE350	Creating Inclusive Elementary School Classrooms	
SPE385	Differentiating Instruction in the Secondary School	
Additional core elective(s) not counted above (3-6)		
<b>Capstone Experience (4 Credits)</b>		
Select one of the following:		4
CMD406	Diagnosis in Speech-Language Pathology (Writing Intensive)	
CMD420	Seminar in Communication Disorders (Writing Intensive)	
CMD473	Clinical Methods in Audiology (Writing Intensive)	
<b>Total Credits</b>		<b>49-50</b>

## Communication Studies

**Phone:** (845) 257-3450

**Location:** Coykendall Science Building, Room 51

**Web address:** [www.newpaltz.edu/communication](http://www.newpaltz.edu/communication)

The Department of Communication offers a major in Communication Studies with concentrations in Organizational Communication, Relational Communication, and Strategic Communication, leading to either the bachelor of arts (B.A.) or bachelor of science (B.S.) degree. A minor in Communication Studies is also offered.

Because communication is closely linked to the technological, social, and cultural forces that are rapidly changing our world, its study affords students a number of ways to pursue their interests and goals. The major in Communication Studies emphasizes an understanding of communication principles and humanistic approaches to communication studies as well as the development of skills in organizational, relational and strategic contexts. Both oral and written communication are emphasized, as is development of research skills. The program blends technical and theoretical courses to provide a foundation for graduate work or for a career in any profession that deals with the public, such as politics, law, business, social work, or teaching. Students who select a concentration in Strategic Communication prepare to become communication experts within corporate, non-profit and government organizations, and public relations agencies.

Students wishing to declare a major in Communication Studies must have completed a minimum of 30 credits of college-level work. Students may not receive a grade lower than C- in any course considered part of the Communication Studies major or minor.

## Communication Studies (BA, BS) Program Learning Outcomes

- **Disciplinary context:** articulate core questions, theoretical concepts, and research methods that characterize the study of human communication (General Education: Critical Thinking and Reasoning).
- **Diversity:** articulate the importance of diversity (with regard to ability, class, culture, ethnicity, gender, race, and sexual orientation in communication processes).
- **Application:** apply communication concepts and theories to everyday contexts and situations (General Education: Information Literacy).
- **Communication:** communicate effectively and professionally across diverse genres in oral, written, and/or digital contexts.
- **Collaboration:** collaborate effectively with others to manage emergent conflicts, solve problems, and achieve agreed-upon goals.
- **Analysis:** analyze various interrelated features (e.g., form, function, effects) of instances of human communication (General Education: Critical Thinking and Reasoning).
- **Ethical reasoning:** consider the ethical consequences of communication interactions on individuals, groups, and societies (General Education: Critical Thinking and Reasoning).
- **Synthesis:** identify, evaluate, and synthesize sources of information into coherent communication that is appropriate for a variety

of audiences and stakeholders (General Education: Information Literacy).

- Design: design proposals and projects (e.g., research study, persuasive campaign, grant) for communication-centered problems that are informed by appropriate communication frameworks and/or research methods (General Education: Information Literacy).

- [Major in Communication Studies](#) (p. 57)
- [Minor in Communication Studies](#) (p. 58)

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## Major in Communication Studies

(40 credits)

Code	Title	Credits
<b>Required Core Courses (all concentrations) (15 Credits)</b>		
CMM104	Public Speaking	3
CMM202	Interpersonal Communication	3
CMM315	Introduction to Strategic Communication	3
CMM353	Persuasion and Social Influence	3
CMM360	Organizational Communication	3
<b>Complete one of the concentrations below (25 Credits)</b>		
Select a concentration in Organizational Communication, Relational Communication, or Strategic Communication		25
<b>Total Credits</b>		<b>40</b>

## Organizational Communication

Code	Title	Credits
<b>Professional Communication Skills Course (3 Credits)</b>		
CMM302	Business and Professional Communication	3
<b>Required Methods Course (3 Credits)</b>		
Select one of the following:		3
CMM352	Qualitative Communication Research Methods (Required Methods Course)	
CMM354	Quantitative Communication Research Methods	
<b>Concentration Electives (9 Credits)</b>		
Select three of the following:		9
CMM204	Small Group Communication	
CMM318	Organizational Reputation and Stakeholder Engagement	
CMM334	Communicating Corporate Social Responsibility	
CMM362	Leadership and Communication	
CMM374	Language & Everyday Conversation	
CMM430	Training and Development	
CMM450	Negotiation	
CMM452	Communication and Gender	
<b>Elective Courses (6 Credits)</b>		
At least three (3) upper-division credits are required.		6

<b>Capstone Seminar (4 Credits)</b>		
CMM454	Organizational Communication Seminar	4
<b>Total Credits</b>		<b>25</b>

## Relational Communication

Code	Title	Credits
<b>Professional Communication Skills Course (3 Credits)</b>		
CMM302	Business and Professional Communication	3
<b>Required Methods Course (3 Credits)</b>		
Select one of the following:		3
CMM352	Qualitative Communication Research Methods	
CMM354	Quantitative Communication Research Methods	
<b>Concentration Electives (9 Credits)</b>		
Select three of the following:		9
CMM214	Storytelling and Culture	
CMM325	Computer-Mediated Communication	
CMM355	Nonverbal Communication	
CMM359	Communication Among Cultures	
CMM374	Language & Everyday Conversation	
CMM379	Communication, Culture, and Difference	
CMM389	Perceptions of Diversity in Communication	
CMM452	Communication and Gender	
<b>Elective Courses (6 Credits)</b>		
At least three (3) upper-division credits are required.		6
<b>Capstone Seminar (4 Credits)</b>		
CMM455	Relational Communication Seminar	4
<b>Total Credits</b>		<b>25</b>

## Strategic Communication

Code	Title	Credits
<b>Professional Communication Skills Course (3 Credits)</b>		
CMM231	Writing for Public Relations	3
<b>Required Methods Course (3 Credits)</b>		
Select one of the following:		3
CMM352	Qualitative Communication Research Methods	
CMM354	Quantitative Communication Research Methods	
<b>Intermediate Concentration Core (9 Credits)</b>		
CMM312	Design and Public Relations	3
CMM316	Strategic Public Relations Campaigns	3
CMM317	Social Media and Public Relations	3
<b>Concentration Electives (6 Credits)</b>		
Select two (2) of the following:		6
CMM318	Organizational Reputation and Stakeholder Engagement	
CMM324	Crisis, Risk, and Disaster Communication	
CMM326	Environmental Communication	
CMM334	Communicating Corporate Social Responsibility	
CMM375	Social Change and Advocacy Communication	
CMM451	Political Communication	
<b>Capstone Seminar (4 Credits)</b>		

CMM456	Seminar in Strategic Communication	4
<b>Total Credits</b>		<b>25</b>

## Minor in Communication Studies

(18 credits)

Code	Title	Credits
<b>Required Introductory Courses (6 Credits)</b>		
CMM100	Introduction to Communication	3
CMM104	Public Speaking	3
<b>Required Intermediate Courses (6 Credits)</b>		
Select two of the following:		6
CMM202	Interpersonal Communication	
CMM315	Introduction to Strategic Communication	
CMM353	Persuasion and Social Influence	
CMM360	Organizational Communication	
<b>Elective Courses (6 Credits)</b>		
Select any two (2) communication courses by advisement; one (1) of these must be an upper-division course (excludes internship credit).		6
<b>Total Credits</b>		<b>18</b>

## Counselor Education

The Counselor Education Program at SUNY New Paltz trains highly skilled mental health and school counselors knowledgeable in both the practice and science of counseling. Degree and certificate programs are offered only at the graduate level and are described fully in the [Graduate Catalog](#).

Please see the Faculty tab for a full list of Counselor Education faculty.

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## Deaf Studies

The interdisciplinary minor in Deaf Studies offers students an opportunity to blend courses from several fields of study, including communication disorders, sociology, psychology, anthropology, communication, and education, as well as to pursue a study-abroad experience. The minor complements many academic majors and prepares students to work in a variety of settings where skill in American Sign Language and knowledge of the American Deaf community are necessary: education, business, human services (social work, health care, counseling, and others), and government, to name a few. Employees with fluency in ASL are in demand nationwide, and the Deaf Studies minor is designed to make New Paltz graduates more employable by developing a skill set geared toward meeting that demand. Although not an English/American Sign Language Interpreter Education program or a Deaf Education or ASL Linguistics program, the Deaf Studies minor will help students become qualified to enter such programs at the post-baccalaureate or graduate level.

The Deaf Studies minor is open to students majoring in all disciplines and may be especially attractive to students in the liberal arts and sciences, education, business, and theatre. It is designed to develop the use of American Sign Language and prepare students for further education in related fields. ASL is present in every realm of life as Deaf, hard-of-hearing and deaf-blind people seek education and equitable employment. The minor will increase students' understanding of hearing loss, deafness, and Deaf culture and their ability to communicate with Deaf persons at a basic level.

A grade of C- or better is required for credit toward the Deaf Studies minor, and no more than half the credits may be shared with another minor or major.

For more information about the Deaf Studies minor, please contact:

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- [Minor in Deaf Studies](#) (p. 59)

## Faculty

See [Communication Disorders](#) (p. 54).

## Minor in Deaf Studies

18 credits

- A grade of C- or better is required for credit toward the minor.
- Students may not cross-count more than 9 credits with another major or minor.

Code	Title	Credits
<b>Required Core Courses (9 Credits)</b>		
CMD202	Deaf Culture and Heritage	3
Select two of the following:		6
CMD101	Elementary American Sign Language 1	
CMD102	Elementary American Sign Language 2	
CMD203	Intermediate American Sign Language 1	
CMD205	Intermediate American Sign Language 2	
<b>Elective Courses (9 Credits)</b>		
Select three of the following:		9
ANT407	Visual Anthropology	
CMD200	Survey of Communication Disorders (not available for CMD majors)	
CMD203	Intermediate American Sign Language 1 (if not counted above)	
CMD205	Intermediate American Sign Language 2 (if not counted above)	
CMD306	Language Development in Children (not available for CMD majors)	
CMM100	Introduction to Communication	
CMM355	Nonverbal Communication	
CMM359	Communication Among Cultures	
DFS494	Deaf Studies Fieldwork	
EDS340	Sociological and Philosophical Foundations of Education	
EDS376 or EDS377	Expressive Arts in Education Expressive Arts in Education 2	
EED370	Race, Class, Gender, and Social Justice in Teaching (Education students only)	
LIN413	Sociolinguistics	
PSY352	Perception	
PSY353	Psycholinguistics	
PSY384	Health Psychology	
SAB339	Ethiopia Deaf Study Abroad	
SED358	Education Across Borders	
SOC220	Social Inequality in the United States	
SOC350	Introduction to Human Services <sup>1</sup>	

SPE106	Multiple Voices: Diversity in US Education
SPE142	Introduction to Disability Studies
<b>Total Credits</b>	
<b>18</b>	

<sup>1</sup> Students who have a major in Sociology with a concentration in Human Services (CHS) may count SOC444 Human Services Theory and Practice II and SOC481 Fieldwork in Human Services II in the elective category of the minor with a relevant internship (requires CHS and minor advisor approval).

## Digital Media & Journalism

**Phone:** (845) 257-3450

**Location:** Coykendall Science Building Room 51

**Web address:** <https://www.newpaltz.edu/digitalmediajournalism/>

The Department of Digital Media & Journalism represents disciplines that combine methods from both the humanities and social sciences in the study of how people share and represent ideas through the mass media. Building upon a solid liberal-arts foundation, students in our programs develop theoretical and practical knowledge through challenging and engaging coursework and hands-on experiences that will support their intellectual and professional growth and prepare them for careers and graduate study.

The Department offers three academic majors, each leading to either the bachelor of arts (B.A.) or bachelor of science (B.S.) degree: Digital Media Production, Digital Media Programming & Management, and Journalism. We also offer a minor in Journalism and two interdisciplinary minors: Film & Video Studies (in conjunction with the Department of Art History) and Audio Engineering (in conjunction with the Departments of Theatre Arts and Music).

Students wishing to declare a major in any program of the Department of Digital Media & Journalism must have a 2.0 GPA. Journalism majors are required to complete ENG170 Writing and Rhetoric or its equivalent before declaring. *Students must earn a grade of C- or better in courses that count toward any major or minor in the Department of Digital Media & Journalism.*

## Digital Media Production (BA, BS) Program Learning Outcomes

- Develop a well-reasoned argument in the form of a pitch for a digital media project, including budget, equipment, and legal considerations (General Education: Critical Thinking and Reasoning).
- Produce: collaboratively write, produce, direct, shoot, edit, mix (audio), and finish portfolio-quality projects for specific audiences.
- Identify, analyze, and evaluate digital media content verbally and in writing (General Education: Information Literacy).
- Evaluate: evaluate their own production processes in class projects, including resolving specific challenges and problems.
- Distribute: explain and implement various ways to distribute and publicize digital media projects.

- Theories: describe and evaluate the standard theories concerning media effects and uses and gratifications.
- Ethics: analyze ethical dilemmas in the digital media landscape and explain how he/she would resolve such situations.
- Trends: analyze and evaluate trends in the digital media industry, such as programming, industry structure, and regulations, and relate such trends to their respective historical roots as well as to current practice.
- Portfolio: create an electronic portfolio of his/her creative work.
- Design: design, create, and integrate graphics into work using dedicated animation and design software.

## Digital Media Programming & Management (BA, BS) Program Learning Outcomes

- Analyze: systematically analyze the programming of a station, network, or website and present the analysis in a business-format report (General Education: Critical Thinking and Reasoning).
- Plan: generate a media plan and buying proposal/report.
- Understand and use research techniques; locate, evaluate, and synthesize information from a variety of sources, using computer technology (General Education: Information Literacy).
- Trends: demonstrate conversational knowledge of current trends and issues in radio/TV/Web/emerging media formats.
- Develop: develop program treatments for TV/Web/emerging media formats for targeted audiences.
- Compare: analyze, compare, and contrast global media industries and practices (General Education: Critical Thinking and Reasoning).
- Propose: develop creative and business proposals, and prototypes of targeted, niche, digital media content for TV, the Web, and emerging media formats.
- Distribute: develop content distribution and marketing plans for traditional and emerging media formats.
- Create: analyze and create a media or program marketing and promotion plan.

## Journalism (BA, BS) Program Learning Outcomes (p. 78)

- Major in Digital Media Production (p. 61)
- Major in Digital Media Programming & Management (p. 62)
- Major in Journalism (p. 63)



- [Minor in Journalism](#) (p. 63)
- [Audio Engineering](#) (p. 141)
- [Film & Video Studies](#) (p. 72)

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## Major in Digital Media Production

(45 credits)<sup>1</sup>

The Digital Media Production program offers students an opportunity to develop cutting-edge professional skills that will prepare them to succeed in the growing and diverse field of digital media. Production majors learn the importance of engaging storytelling, solid research, and careful attention to ethical considerations; they likewise learn how technology allows them to communicate effectively. By utilizing writing and production skills in the classroom as well as in the surrounding community, students demonstrate their ability to use the latest tools of digital audio and video to create high-quality, marketable content for film and television.

- Grades of at least C- are required for courses to count toward majors in the Department of Digital Media & Journalism.
- A 2.0 average in Department of Digital Media & Journalism courses is required for degree application.

Code	Title	Credits
<b>Required Prerequisite Courses (10 Credits)</b>		
DMJ101	Media and Society	3
or DMJ205	Introduction to Media Criticism	
DMJ215	Digital Storytelling	4
DMJ319	Writing for Digital Media	3
<b>Required Courses (6 Credits)<sup>2</sup></b>		
DMJ224	Media Industries	3
DMJ203	Radio-Television Performance	3
or THE230	Introduction to Acting	

Additional Required Courses (16 Credits)		
Must be taken sequentially, one per semester		
DMJ320	Audio Production	4
DMJ340	TV Studio Production	4
DMJ440	Field Production	4
DMJ445	Seminar in Digital Filmmaking	4
Required Elective Courses (9 Credits)		
Select three courses, at least two of which (6 credits) must be upper division (300- or 400-level).		
Required Internship (4 Credits)		
DMJ490	Internship in Digital Media/Journalism <sup>3</sup>	3
or DMJ461	Legislative Gazette	
DMJ491	Internship Seminar	1
<b>Total Credits</b>		<b>45</b>

<sup>1</sup> Credit total is based on a 3-credit internship (DMJ490 or DMJ461) and corequisite 1-credit Internship Seminar (DMJ491).

<sup>2</sup> Must be taken before DMJ445 Seminar in Digital Filmmaking.

<sup>3</sup> Students may earn up to 15 credits for an internship; however, only 3 credits can be counted toward the major.

## Major in Digital Media Programming & Management

(46-48 credits)<sup>1</sup>

**Declaring or transferring into the Media Management major?** Please visit Digital Media & Journalism's [homepage](#) to view the video, *Media Management Major Overview and Advising for Transfer Students and Newly Declared*.

Majors in Digital Media Programming & Management (known informally as "Media Management") prepare for management positions across the various media, including such areas as advertising, global media systems, law, research, and programming. Students develop the necessary knowledge and skills through theoretical and practical courses ranging from research and writing to business and managerial courses. The program ensures full exposure to new and emerging technologies and the business functions associated with them. For many, classroom study is put to the real-world test via internships with leading media companies.

Media Management students must complete at least two Business courses (one core course and at least one elective). A required internship and a senior capstone experience in media convergence complete the plan of study. During the capstone, students will develop their own creative and business proposals and prototypes of digital media content distribution.

- Grades of at least C- are required for courses to count toward majors in the Department of Digital Media & Journalism.
- A 2.0 average in Department of Digital Media & Journalism courses is required for degree application.

Code	Title	Credits
Required Foundation Courses (9 Credits)		
DMJ101	Media and Society	3

CMM104	Public Speaking	3
DMJ224	Media Industries	3

Required Media Management Introductory Courses (10 Credits)		
DMJ221	Introduction to Advertising	3
DMJ215	Digital Storytelling	4
BUS325	Marketing	3

Required Media Management Advanced Courses (10 Credits)		
DMJ323	Digital Media Content and Technology	3
DMJ350	Media Research Methods	4
DMJ434	Global Media	3

Required Elective Courses (9-11 Credits)		
Media theory, studies, and practice:		
Select one of the following:		3-4
DMJ321	Milestones in Documentary	
DMJ331	History of American TV	
DMJ343	Media Criticism and Aesthetics	
DMJ347	Media Ethics	
DMJ393	Digital Media/Journalism Selected Topic	
DMJ432	Media and Popular Culture	
DMJ452	Mass Media Law	
DMJ458	Capstone Seminar in Multimedia Reporting	
DMJ499	Digital Media/Journalism Modular Course	

Media production:		
Select one of the following:		3-4
DMJ300	Photojournalism	
DMJ340	TV Studio Production	
DMJ388	Introduction to Digital Animation and Visual Effects	
DMJ440	Field Production	

Business practice:		
Select one of the following: <sup>2</sup>		3
BUS201	Financial Accounting	
BUS250	Principles of Management	
BUS271	Legal Environment of Business	

Required Capstone (4 Credits)		
DMJ444	Seminar in Media Studies	4
Required Internship (4 Credits) <sup>3</sup>		
DMJ490	Internship in Digital Media/Journalism	3
or DMJ461	Legislative Gazette	
DMJ491	Internship Seminar	1

**Total Credits** **46-48**

<sup>1</sup> Credit total is based on a 3-credit internship (DMJ490 or DMJ461) and corequisite 1-credit Internship Seminar (DMJ491).

<sup>2</sup> Students pursuing a minor in Business must complete BUS201 Financial Accounting and BUS250 Principles of Management. Students pursuing the 4+1 MBA must complete BUS201 Financial Accounting and BUS271 Legal Environment of Business. Please consult the course catalog and your advisor for other requirements.

<sup>3</sup> Total credits may exceed 4, depending upon the credit hours associated with the particular internship.

## Major in Journalism

See [Journalism](#) (p. 78)

## Minor in Journalism

See [Journalism](#) (p. 78)

## Disaster Studies

**Web address:** [www.newpaltz.edu/idmh](http://www.newpaltz.edu/idmh)

The Institute for Disaster Mental Health (IDMH) supports a SUNY New Paltz interdisciplinary undergraduate minor in disaster studies. The minor focuses on events of natural, technological and human-induced origin and on how they affect individuals, communities, organizations, and the nation. It is designed to recognize the multi-disciplinary nature of both research and practice in disaster studies. Courses highlight scholarship and practice related to disaster and trauma mitigation and prevention, response, support, recovery, treatment, and policy formulation and planning, as well as the implications of these events at the individual, group, organizational and community level. Those completing the minor will become certified responders for the American Red Cross.

- [Minor in Disaster Studies](#) (p. 63)

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## Minor in Disaster Studies

(18 credits)

Code	Title	Credits
<b>Required Core Courses (6 Credits)</b>		
DIS333	Disaster Psychology	3
DIS492	Practicum in Disaster Response <sup>1</sup>	3
<b>Additional Core Courses (9 Credits)</b>		
Students are encouraged to complete at least one core course that focuses on developing multicultural competence.		
Select at least three (3) courses from Category II:		9

ANT214	Principles of Cultural Anthropology
BLK100	Intro To Black Studies
BLK271	Black Sociology
BLK285	Introduction to African Psychology: A Cultural Approach
GEO201	Human Geography
GEO231	Geography of Hazards
The following Category II courses have prerequisites or restrictions:	
ANT403	Religion and Culture
CMM359	Communication Among Cultures
GEO341	Introduction to Geographic Information Systems
POL301	State and Local Politics
POL310	Public Management
POL319	Politics and Media
PSY332	Mental Health Professions
PSY384	Health Psychology
PSY392	Internship
PSY394	Crisis Intervention
SOC350	Introduction to Human Services

### Elective Courses (3 Credits)

Select at least one (1) course from the Category III list below or one additional course from Category II above. 3

BUS250	Principles of Management
CMM202	Interpersonal Communication
SOC220	Social Inequality in the United States
The following Category III courses have prerequisites or restrictions:	
BLK420	Counseling Underrepresented Students
CMM358	Conflict Management
PSY221	Social Psychology
SOC323	Death in American Society
SOC370	Sociology of Families
SOC431	Mass Media and Culture

**Total Credits** **18**

<sup>1</sup> Practicum will emphasize preparation, crisis intervention, and response to potential emergencies and disasters. Students will spend eight (8) hours per week in the field at a designated site. Under advisement, students will have the opportunity to give service to the American Red Cross or to the county or New York State Emergency Management offices. All students will meet as a group with the practicum coordinator for discussion and group supervision. During practicum it is expected that students will make themselves available for emergency response in the event of a local disaster.

## Economics

**Phone:** (845) 257-2969

**Location:** SCB 134

**Web address:** [www.newpaltz.edu/economics](http://www.newpaltz.edu/economics)

The Department of Economics offers a liberal arts major that combines economic theory with a strong applied component and leads to a Bachelor of Arts (BA) or a Bachelor of Science (BS) in Economics. The program is designed to prepare students for careers in private and public

sectors, as well as graduate studies in economics, business, law, and international relations.

In addition to a broad General Economics track, students may complete prescribed clusters of upper-division elective courses to concentrate their studies in Business Economics or International Economics. Students who intend to pursue graduate study in economics are advised to complete additional courses in mathematics.

The concentration areas within the program are designed to enable students to combine a liberal arts education with their individual graduate work or career objectives. Prospective majors are strongly advised to plan their program of study in consultation with the department chair or another member of the Economics faculty.

## Economics (BA, BS) Program Learning Outcomes

- Apply basic economic theory;
- Demonstrate knowledge about social, institutional, historical aspects and/or various theoretical perspectives;
- Develop and apply critical thinking (i.e., ethical reflection in evaluation economic issues) (General Education: Critical Thinking and Reasoning);
- Apply analytical tools and quantitative methods (General Education: Information Literacy);
- Demonstrate written and oral communication skills;
- Conduct economic research;
- Apply information management (General Education: Information Literacy);
- Apply the UN Sustainable Development Framework.
- [Major in Economics](#) (p. 64)
- [Minor in Economics \(General\)](#) (p. 65)

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## Major in Economics

(42-43 credits)

A minimum grade of C- is required for all Economics (ECO) courses that count toward the major.

Code	Title	Credits
<b>Core Requirements (27 Credits)</b>		
BUS309	Statistics for Business and Economics I	3
BUS311	Statistics for Business and Economics II	3
ECO206	Principles of Microeconomics	3
ECO207	Principles of Macroeconomics	3
ECO306	Intermediate Microeconomics	3
ECO307	Intermediate Macroeconomics	3
ECO351	History of Economic Thought	3
ECO435	Econometrics	3
ECO450	Senior Seminar in Economics	3
<b>Concentration Requirements (15-16 Credits)</b>		
Select a concentration in General Economics, Business Economics and International Economics.		
<b>Total Credits</b>		<b>42-43</b>

## General Economics

Code	Title	Credits
Any five (5) upper-division Economics courses		15-16
<b>Total Credits</b>		<b>15-16</b>

## Business Economics

Code	Title	Credits
Select three (3) of the following:		9
ECO303	Money and Banking	
ECO304	Public Finance	
ECO312	Labor Economics and Labor Relations	
ECO404	Industrial Organization	
Two (2) additional upper-division Economics courses		6-7
<b>Total Credits</b>		<b>15-16</b>

## International Economics

Code	Title	Credits
Select three (3) of the following:		9
ECO309	Economic Development of Latin America	
ECO310	Economic Development of Asia-Pacific	
ECO401	International Trade and Finance	
ECO418	Economics of Development	
Two (2) additional upper-division Economics courses		6-7
<b>Total Credits</b>		<b>15-16</b>

## Minor in Economics (General)

15-16 credits

A grade of C- or better is required in all courses taken toward the Economics minor.

Code	Title	Credits
<b>Required Courses (15-16 Credits)</b>		
ECO206	Principles of Microeconomics	3
ECO207	Principles of Macroeconomics	3
Three additional upper-division economics courses not used toward other degrees		9-10
<b>Total Credits</b>		<b>15-16</b>

## English

**Phone:** (845) 257-2720

**Location:** SCB 124

**Web address:** [www.newpaltz.edu/english](http://www.newpaltz.edu/english)

The Department of English offers programs designed to enrich students' knowledge of their linguistic, literary and cultural heritage and to develop their skills as writers and critics. Students may choose from Bachelor of Arts (BA) and Bachelor of Science (BS) degree programs in English with concentrations in liberal arts English and creative writing. Minors in English, Creative Writing, and an interdisciplinary minor in Linguistics may appeal to students majoring in complementary academic fields. English concentrations are also available in elementary- and secondary-level educator-preparation programs housed in the [School of Education](#) (p. 115). Department faculty teach students throughout their journey in higher education, offering first-year writing courses, general-education courses, upper-level undergraduate courses, and master's-level courses. (Please refer to the [Graduate Catalog](#) for master's-level course and program offerings.)

While the English curriculum is grounded in British and American literature, students may explore literature in English from a range of traditions, from ancient Greek and Roman and biblical literature to the graphic novel and the novel of the African diaspora. In all English courses, students learn to think critically about aesthetic and cultural matters, and to read analytically and write clearly under the instruction of award-winning scholars and teachers. The English Department prides itself on providing students with a well-rounded liberal arts foundation and preparing them for a wide range of careers, including communications, teaching, publishing, and public and private administration. Undergraduate programs also prepare students for graduate work in English and in a variety of other disciplines in which

effective reading, writing and critical thinking skills are important, such as business, law and medicine.

At least half the work toward the English major and minors must be completed at New Paltz. Students must earn a grade of C- or better in courses used for an English major or minor. English Composition courses (ENG160 Composition I, ENG170 Writing and Rhetoric, ENG180 Composition II, ENG206 Advanced Writing and Rhetoric, ENG207 Intermediate Composition ) do not count toward the major or minors, nor do courses taken under the S\*/U\* (Satisfactory/Unsatisfactory) option.

## English Honors Program

English majors may apply for the English honors program if they have a grade point average of 3.50 in at least six English courses (exclusive of Composition courses: ENG160 Composition I, ENG170 Writing and Rhetoric, ENG180 Composition II, ENG206 Advanced Writing and Rhetoric, ENG207 Intermediate Composition ). They must make application to the Chair of English during the second semester of their junior year. During their senior year, they will write an honors thesis that will be judged by a three-person committee. They may earn three credits for this work, which can count as an elective in their major program. Successful completion of the honors program entitles the student to graduate with honors in English – acknowledged on their SUNY New Paltz transcript.

## English (BA, BS) Program Learning Outcomes

Students in our major will learn:

- To read attentively, reflectively, and critically.#[Literary Studies]
- To compose thoughtful, coherent, well-developed essays following rhetorically appropriate conventions of grammar, punctuation, and style. [Written & Oral Communication]
- To quote, summarize, paraphrase, and cite primary and secondary sources appropriately and persuasively to advance an interpretive argument. [Written & Oral Communication / Information Management]
- To engage with traditions and current directions in literary scholarship and critical theory. [Literary Studies/Diversity]
- To demonstrate awareness of historical and cultural context and how it shapes literary texts.#[Critical Thinking/Literary Studies/Diversity]
- To analyze texts in aesthetic, social, and political terms, reflecting on our own and others' diverse identities. [Critical Thinking/Diversity]

Additionally, students pursuing our Creative Writing concentration will learn:

- To compose well-crafted, original works in the forms of poetry, fiction, drama, and creative nonfiction. [Written & Oral Communication / Creative Writing Studies]
- [Major in English](#) (p. 67)
- [Minor in Creative Writing](#) (p. 68)



- [Minor in English](#) (p. 68)
- [Minor in Linguistics](#) (p. 69)

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## Major in English

#### General Requirements:

- At least one-half of the English major must be completed at New Paltz.
- Composition credits (ENG160 Composition I, ENG170 Writing and Rhetoric, ENG180 Composition II, ENG206 Advanced Writing and Rhetoric, ENG207 Intermediate Composition ) do not count toward the major requirement.

- Courses taken S\*/U\* (student-elected Satisfactory/Unsatisfactory) or receiving a grade below C- will not count toward the major.

**Note:** Students who transfer 3-credit courses that are equivalent to 4-credit ENG courses at New Paltz may need to take more English electives than are noted in the plans of study below. All students majoring in English (Liberal Arts) must complete at least 37 credits; English majors with a concentration in Creative Writing must complete at least 38 credits.

## Major in English: Liberal Arts

(37-40 credits)

Code	Title	Credits
<b>Foundational Courses (16 Credits)</b>		
ENG300	Seminar in Critical Practices	4
ENG303	Introduction to British Literature	4
ENG333	Introduction to American Literature	4
ENG343	Transnational Literature	4
or ENG353	Multiethnic and Diasporic Literature	
<b>Theory Requirement (4 Credits)</b>		
ENG420	Literary Criticism	4
or ENG423	Contemporary Literary Theory	
<b>Capstone Course (4 Credits)</b>		
ENG451	Senior Seminar	4
<b>English Electives (13-16 Credits)</b>		
Select one of the following upper-division courses in literature before 1800:		
ENG355	The Bible	
ENG404	Medieval Literature	
ENG405	Elizabethan Literature	
ENG406	Shakespeare I: Selected Works	
ENG407	Shakespeare II: Selected Works	
ENG408	Seventeenth-Century Literature	
ENG413	Eighteenth-Century English Literature	
ENG414	The Rise of the Novel	
ENG425	The Epic Tradition	
ENG435	Early American Literature	
ENG470	Major Authors (if appropriate)	
ENG493	English Selected Topics (if appropriate)	
Select one of the following upper-division courses in literature before 1900:		
ENG355	The Bible	
ENG404	Medieval Literature	
ENG405	Elizabethan Literature	
ENG406	Shakespeare I: Selected Works	
ENG407	Shakespeare II: Selected Works	
ENG408	Seventeenth-Century Literature	
ENG413	Eighteenth-Century English Literature	
ENG414	The Rise of the Novel	
ENG415	Nineteenth-Century English Novel	
ENG417	The Romantics in England	
ENG418	Victorian Literature	
ENG435	Early American Literature	

ENG436	Nineteenth-Century American Literature	
ENG437	The American Renaissance	
ENG469	Literature and Culture in the Age of Darwin	
ENG470	Major Authors (if appropriate)	
ENG493	English Selected Topics (if appropriate)	
Select one 400-level course in English <sup>1</sup>		4
Select one additional course in English <sup>2</sup>		3-4
<b>Total Credits</b>		<b>37-40</b>

<sup>1</sup> excluding ENG445 Creative Writing Workshop II , ENG448 Writing the Novel, ENG452 The Craft of Fiction , ENG453 The Craft of Poetry , ENG454 The Craft of Creative Non Fiction , ENG455 The Craft of Dramatic Writing

<sup>2</sup> excluding ENG160 Composition I, ENG170 Writing and Rhetoric, ENG180 Composition II, ENG206 Advanced Writing and Rhetoric, ENG207 Intermediate Composition , ENG224 Expository Writing , ENG226 Practical Grammar , ENG345 Creative Writing Workshop I , ENG348 Dramatic Writing Stag and Scrn, ENG445 Creative Writing Workshop II , ENG448 Writing the Novel, ENG452 The Craft of Fiction , ENG453 The Craft of Poetry , ENG454 The Craft of Creative Non Fiction , ENG455 The Craft of Dramatic Writing

## Major in English with Concentration in Creative Writing

(38-39 credits)

Code	Title	Credits
<b>Required Foundational Courses (12 Credits)</b>		
ENG303	Introduction to British Literature	4
ENG333	Introduction to American Literature	4
ENG343	Transnational Literature	4
or ENG353	Multiethnic and Diasporic Literature	
<b>Introductory Creative Writing Workshops (7 Credits)</b>		
ENG345	Creative Writing Workshop I	3
ENG445	Creative Writing Workshop II <sup>1</sup>	4
<b>Craft Courses (8 Credits)</b>		
Select at least two of the following: <sup>2</sup>		8
ENG452	The Craft of Fiction	
ENG453	The Craft of Poetry	
ENG454	The Craft of Creative Non Fiction	
ENG455	The Craft of Dramatic Writing	
<b>Elective Courses (11-12 Credits)</b>		
Select two 400-level courses in English <sup>3</sup>		8
Select one 300-level or above course in English <sup>4</sup>		3-4
<b>Total Credits</b>		<b>38-39</b>

<sup>1</sup> Portfolio review: All Creative Writing majors are required to submit a portfolio for review after taking Creative Writing Workshop II. You must pass the portfolio review before you are permitted to take the Craft courses. Instruction and dates for portfolio submission are available in the English Department office.

<sup>2</sup> taken only after passing the portfolio review

<sup>3</sup> excluding ENG452 The Craft of Fiction , ENG453 The Craft of Poetry , ENG454 The Craft of Creative Non Fiction , ENG455 The Craft of Dramatic Writing

<sup>4</sup> excluding ENG348 Dramatic Writing Stag and Scrn, ENG452 The Craft of Fiction , ENG453 The Craft of Poetry , ENG454 The Craft of Creative Non Fiction , ENG455 The Craft of Dramatic Writing

## Minor in Creative Writing

(19 credits)

### General Requirements:

- Credits for Composition courses (ENG160 Composition I, ENG170 Writing and Rhetoric, ENG180 Composition II, ENG206 Advanced Writing and Rhetoric, ENG207 Intermediate Composition ) do not count toward the Creative Writing minor.
- Courses taken S\*/U\* (student-elected Satisfactory/Unsatisfactory) or graded below C- will not count toward the minor.

Code	Title	Credits
<b>Literature Courses (8 Credits)</b>		
Select two of the following: <sup>1</sup>		8
ENG303	Introduction to British Literature	
ENG333	Introduction to American Literature	
ENG343	Transnational Literature	
ENG353	Multiethnic and Diasporic Literature	
<b>Creative Writing Workshops (7 Credits)</b>		
ENG345	Creative Writing Workshop I	3
ENG445	Creative Writing Workshop II <sup>2</sup>	4
<b>Craft Course (4 Credits)</b>		
Select at least one of the following: <sup>3</sup>		4
ENG452	The Craft of Fiction	
ENG453	The Craft of Poetry	
ENG454	The Craft of Creative Non Fiction	
ENG455	The Craft of Dramatic Writing	
<b>Total Credits</b>		<b>19</b>

<sup>1</sup> Transfer students may need to take additional credits in order to compensate for 3-credit survey courses accepted as equivalent to 4-credit ENG courses at New Paltz. All students must complete at least 19 credits for the minor in Creative Writing.

<sup>2</sup> Portfolio review: All Creative Writing minors are required to submit a portfolio for review after taking Creative Writing Workshop II. Students must pass the portfolio review before they will be permitted to take the required Craft course. Instructions and dates for portfolio submission are available in the English Department office.

<sup>3</sup> Craft course(s) may be taken only after passing the portfolio review.

The Department of English also offers a Creative Writing concentration within the English major. For more information and a plan of study, please see [Major in English](#) (p. 67).

## Minor in English

(19-20 credits)

### General Requirements:

- Composition credits (ENG160 Composition I, ENG170 Writing and Rhetoric, ENG180 Composition II, ENG206 Advanced Writing and

Rhetoric, ENG207 Intermediate Composition ) do not count toward the English minor.

- Courses taken S\*/U\* (student-elected Satisfactory/Unsatisfactory) or graded below C- will not count toward the minor.

Code	Title	Credits
<b>Required Courses (8 Credits)</b>		
ENG303	Introduction to British Literature	4
ENG333	Introduction to American Literature	4
<b>Elective Courses (11-12 Credits) <sup>1</sup></b>		
Select three elective courses in English or Linguistics <sup>2</sup>		11-12
<b>Total Credits</b>		<b>19-20</b>

<sup>1</sup> Transfer students may need to take additional elective credits in order to compensate for 3-credit survey courses accepted as equivalent to 4-credit ENG courses at New Paltz. All students must complete at least 19 credits for the minor in English.

<sup>2</sup> excluding ENG160 Composition I, ENG170 Writing and Rhetoric, ENG180 Composition II, ENG206 Advanced Writing and Rhetoric, ENG207 Intermediate Composition, ENG224 Expository Writing, ENG226 Practical Grammar, ENG448 Writing the Novel, ENG452 The Craft of Fiction, ENG453 The Craft of Poetry, ENG454 The Craft of Creative Non Fiction, ENG455 The Craft of Dramatic Writing. At least two English courses must be at the 400 level, and one must be in literature before 1800.

## Minor in Linguistics

See [Linguistics](#) (p. 85)

## Environmental Studies

**Web address:** [www.newpaltz.edu/environmentalstudies](http://www.newpaltz.edu/environmentalstudies)

Environmental Studies is an interdisciplinary program drawing on social and physical science, the humanities and the arts to provide students a broad understanding of the relationship between humans and the earth. Housed within the Department of Geography & Environmental Studies, the Bachelor of Arts (B.A.) program emphasizes environmental policy and social and economic aspects of the environment while providing a background in earth science. Much of environmental studies focuses on public and political discourse about scientific uncertainty, assessment of risks, and economic costs and benefits. Students majoring in Environmental Studies gain theoretical perspective and practical experience through a combination of coursework, activism, policymaking, applied-learning opportunities, and a capstone seminar.

The Environmental Studies minor gives an overview of the causes and consequences of our current environmental problems and provides basic tools and understanding students will need to become active participants in the solutions. Coursework comes from several academic departments in the College of Liberal Arts & Sciences and the School of Science & Engineering.

For more information about the Environmental Studies program, please contact:

Salvatore Engel-DiMauro  
Science Hall 115  
[engeldis@newpaltz.edu](mailto:engeldis@newpaltz.edu)

845-257-2991

## Environmental Studies (BA) Program Learning Outcomes

- Define concepts and utilize methods from the social sciences as they pertain to analysis of environmental policies and institutions.
- Apply basic concepts and methods of physical science to environmental problem solving.
- Describe the interdependent relationship between human and natural systems at scales ranging from local to global.
- Apply systems and sustainability concepts and methodologies to analyze interactions between social and environmental processes.
- Assess the ethical dimensions of ecological degradation and its disparate impact on different populations.
- Describe how power and social position relate to one's experience with and attitudes toward the environment and environmental problems.
- Interpret political struggles over environmental issues and identify ways in which individuals can be agents of change fostering a more just and sustainable society.
- [Major in Environmental Studies](#) (p. 69)
- [Minor in Environmental Studies](#) (p. 70)

## Major in Environmental Studies

42-45 credits, leading to a Bachelor of Arts (B.A.) degree

Code	Title	Credits
<b>Required Core Courses (24 Credits)</b>		
GEO203	People-Environments Geography	3
GEO341	Introduction to Geographic Information Systems	4
POL311	American Environmental Politics	3
GEO482	Environmental Studies Senior Seminar	1
SOC317 or SOC450	Environmental Sociology Sociology of Food and Agriculture	3
GEO344 or MAT241	Spatial Statistics Introduction to Statistics	3
Select one of the following:		4
GEO342	Digital Map Design	
GEO343	Remote Sensing	
GEO441	Geographic Information Systems Applications	
Select one of the following:		3
GEO331	Gender and Environment	
GEO332	Geography, Health and Environment	
GEO333	Advanced People-Environments Geography	
GEO432	Climate Change and Society	

**Physical Science Courses (9-12 Credits)**

Select three (3) of the following:		9-12
BIO120	Global Change Biology	
or BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	
CHE100	Environmental Chemistry	
or CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	
EGG250	Energy and the Environment	
GEO202	Physical Geography	
GEO321	Geography of Soils	
GEO322	Geography of Water Resources	
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	
<b>Interdisciplinary Electives (9 Credits)</b>		
Select three (3) of the following, with no more than two (2) from the same department:		9
ANT310	Bioarchaeology of Food	
ARH354	Nature & Science in 19th Century American Art	
CMM326	Environmental Communication	
ECO405	International Energy Economics	
GEO314	Issues in Urban Planning	
GEO331	Gender and Environment	
GEO332	Geography, Health and Environment	
HIS376	Environmental History of Latin America	
PHI303	Environmental Ethics	
POL316	American Public Policies	
SOC317	Environmental Sociology	
or SOC450	Sociology of Food and Agriculture	
<b>Total Credits</b>		<b>42-45</b>

## Minor in Environmental Studies

(21-24 credits)

Code	Title	Credits
<b>Environmental Studies (3 Credits)</b>		
GEO203	People-Environments Geography	3
<b>Social Science (6 Credits)</b>		
Select two of the following:		6
GEO201	Human Geography	
POL347 or POL311	Politics of Environment and Development American Environmental Politics	
SOC317 or SOC450	Environmental Sociology Sociology of Food and Agriculture	
<b>Environmental Science (6-8 Credits)</b>		
Select credits from two different disciplines		6-8
BIO120	Global Change Biology	
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	
or CHE100	Environmental Chemistry	
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	
or GLG205	Environmental Geology	
<b>Social Science/Humanities Elective (3 Credits)</b>		

Select one of the following:		3
GEO431	Natural Resources: Utilization and Management	
PHI303	Environmental Ethics	
GEO333	Advanced People-Environments Geography	
GEO331	Gender and Environment	
Any Social Science course listed above		
<b>Natural Science/Mathematics Elective (3-4 Credits)</b>		
Select one of the following:		3-4
EGG250	Energy and the Environment	
GEO202	Physical Geography	
GEO231	Geography of Hazards	
GEO341	Introduction to Geographic Information Systems	
GLG339	Natural Resources and Energy	
GLG346	Environmental Impact Assessment	
MAT145	Statistics and Public Policy (or other Statistics course by advisement)	
Any Natural Science course listed above		
<b>Fieldwork (0 Credits)</b>		
ENV191	Fieldwork in Environmental Studies (20 hours of work for approved organization)	0
<b>Total Credits</b>		<b>21-24</b>

## Evolutionary Studies (EvoS)

**Phone:** (845) 257-3470

**Location:** Science Hall, Room 154 (Program Director)

**Web address:** [www.newpaltz.edu/evos](http://www.newpaltz.edu/evos)

The Evolutionary Studies (EvoS) minor is an interdisciplinary program that introduces students to the core ideas of evolutionary theory and provides applications of these ideas across academic areas. The cornerstone of this program is the Evolutionary Studies Seminar, which includes lectures by external speakers with expertise on various aspects of evolutionary scholarship. EvoS courses are drawn from several disciplines, including anthropology, art history, biology, black studies, communication disorders, English, geology, history, physics, and psychology.

For more information, contact:

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Interim Dean, Science & Engineering; Associate Professor of Biology  
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- [Minor in Evolutionary Studies](#) (p. 71)

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## Minor in Evolutionary Studies

The minor requires at least 18 credits.

Code	Title	Credits
<b>Foundation Course: Biology (3-4 Credits)</b>		
Select one of the following:		3-4
BIO135	Evolution for Everyone	
BIO202	General Biology II	
& BIO212	and Gen Bio 2 Lab <sup>1</sup>	
<b>Foundation Courses: Other Disciplines (3 Credits)</b>		
Select 3 or more credits from the following:		3
ANT215	Principles of Biological Anthropology	
ANT301	Human Evolution	
EVO201	Evolution and Human Health	
GLG202	Historical Geology <sup>1</sup>	
PSY363	Evolutionary Psychology <sup>1</sup>	

**Evolutionary Studies Seminar (3 Credits)**

EVO301 Evolutionary Studies Seminar (may be taken twice) 3

**Content-Area Courses (6 Credits)**

Select six or more credits from different departments/programs: 6

ANT211	General Anthropology
ANT302	Human Osteology
ANT317	Love, Sex and Marriage: Anthro Perspectives
ARH354	Nature & Science in 19th Century American Art
BIO111	Introduction To Animal Life
BIO130	Cancer Biology
BIO140	Modern Biotechnology
BIO150	Insects and Human Society
BIO307	Comparative Vertebrate Anatomy <sup>1</sup>
BIO320 & BIO321	Genetics and Genetics Lab <sup>1</sup>
BIO370	Animal Physiology <sup>1</sup>
BIO412	Evolutionary Theory <sup>1</sup>
BIO418	Animal Behavior <sup>1</sup>
BLK330	Race and Racism in US Hist <sup>2</sup>
ENG230	Women In Literature <sup>1,2</sup>
ENG418	Victorian Literature <sup>1,2</sup>
ENG468	Literature, Evolution, and the Brain <sup>1</sup>
ENG469	Literature and Culture in the Age of Darwin <sup>1</sup>
GLG305	Paleontology <sup>1</sup>
PHY205	Exploring the Solar System
PHY206	Exploring the Universe
PSY221	Social Psychology <sup>1</sup>
PSY322	Personality <sup>1</sup>
PSY361	History & Systems of Psychology <sup>1</sup>
PSY362	Learning <sup>1</sup>
PSY372	Psychology of Women <sup>1</sup>
PSY443	Infancy and Childhood <sup>1</sup>
THE240	History of World Dress

<sup>1</sup> Courses have prerequisites.<sup>2</sup> Courses may or may not count for credit toward the minor. Please consult with the Evolutionary Studies program director for a decision.

## Film & Video Studies

The minor in Film & Video Studies is an interdisciplinary program offered through the School of Fine & Performing Arts (Department of Art History) and the College of Liberal Arts & Sciences (Department of Digital Media & Journalism). Students will familiarize themselves with reading the art of cinema as cultural critics, while having the option to learn the basics of screenwriting and production. They will learn critical approaches to film and video and acquire historical, theoretical, intercultural and practical tools to study films and video from around the world.

For more information, please contact one of the program co-coordinators:

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- [Minor in Film & Video Studies](#) (p. 72)

## Minor in Film & Video Studies

(18-21 credits)

- **Declaration Requirement:** Completion of 30 college credits with proof of a minimum grade point average of 2.50 and approval of a Minor advisor. *Close consultation with your advisor is required as enrollment in some courses may require special permission.*
- Students with a major from the Departments of Communication or Digital Media & Journalism must take nine (9) credits outside of their major in order to complete the minor.

Code	Title	Credits
<b>Required Courses (6-7 Credits)</b>		
ARH348	History of Film	3
ARS334	Digital Video <sup>1</sup>	3-4
or DMJ215	Digital Storytelling	
<b>Electives (12-14 Credits)</b>		
Select at least 12 credits across any of the following categories: <sup>2</sup>		
Production Courses:		
ARS312	New Media 3D + 4D <sup>1</sup>	
DMJ319	Writing for Digital Media	
DMJ391	Screenwriting	
ENG348	Dramatic Writing Stag and Scrn	
MUS350	Computer and Electronic Music	
MUS351	Advanced Computer and Electronic Music <sup>1</sup>	
MUS380	Basic Recording Techniques	
MUS381	Advanced Recording <sup>1</sup>	
Criticism & Cinema Courses:		
ANT407	Visual Anthropology	
ARH446	Surrealism	
DMJ205	Introduction to Media Criticism	
DMJ343	Media Criticism and Aesthetics	
DMJ390	90 Minutes to Die: Film Noir	
ENG372	Fiction into Film	
ITA375	Topics in Italian Cinema	
POL334	Film and Politics	
THE260	Introduction to Design <sup>1</sup>	
THE326	20th Century Design	
THE354	Scene Design <sup>1</sup>	
THE355	Costume Design <sup>1</sup>	
THE357	Sound Design <sup>1</sup>	
Culture & History Through Cinema Courses:		
DMJ321	Milestones in Documentary	
DMJ331	History of American TV <sup>1</sup>	

ENG368	The Jewish American Experience in Literature and Film
FRN475	French Cinema (taught in French) <sup>1</sup>
GER319	Women In German Lit&Film
GER321	German Cinema
ITA261	Italian Society in Film
SOC361	Images of Poverty in Film <sup>1</sup>
SOC432	Sociology of Film <sup>1</sup>
SPA477	Latin American & Caribbean Cinema (taught in Spanish) <sup>1</sup>
THE327	Race Gender and Performance

**Total Credits****18-21**

<sup>1</sup> These courses have one or more prerequisites or major restrictions. See course description for details.

<sup>2</sup> Other courses (e.g., selected topic courses) may be taken by advisement.

## Geography & Environmental Studies

**Phone:** (845) 257-2995

**Location:** SH 114

**Web address:** [www.newpaltz.edu/geography](http://www.newpaltz.edu/geography)

The Department of Geography & Environmental Studies offers comprehensive liberal arts majors in Geography and Environmental Studies. For those majoring in other fields, minors in Geography, Urban Planning and Environmental Studies are available.

Geography is a diverse and integrative discipline that allows students to explore and make sense of place, space, and landscape and the connections between them, while also learning to analyze problems from multiple perspectives. Our programs are designed to prepare students for graduate study in geography or for employment in fields actively seeking geographers. Students may choose the general Geography major, leading to a Bachelor of Arts (BA) degree, or Geography concentrations in environmental geography and in urban planning, leading to a Bachelor of Science (BS) degree. The concentration in urban planning is for students who wish to undertake graduate study in planning or to obtain employment in that field. A Geographic Information System (GIS) sequence is offered in addition to courses in Cartography and Remote Sensing.

Environmental Studies is an interdisciplinary major drawing on social and physical science, the humanities and the arts to provide students a broad understanding of the relationship between humans and the earth. The Bachelor of Arts (B.A.) program emphasizes environmental policy and social and economic aspects of the environment while providing a background in earth science. Much of environmental studies focuses on public and political discourse about scientific uncertainty, assessment of risks, and economic costs and benefits. Students majoring in Environmental Studies gain theoretical perspective and practical experience through a combination of coursework, activism, policymaking, applied-learning opportunities, and a capstone seminar. See [Environmental Studies](#) (p. 69) for more information about both the major and the minor.

The Department of Geography & Environmental Studies also supports other interdisciplinary programs, such as Asian Studies; Latin American, Caribbean & Latinx Studies; and Women's, Gender & Sexuality Studies.

Students in the Early Childhood & Childhood Education (B-6) and Early Childhood Studies (non-certification) programs may select a geography major, while those in the Adolescence Education (7-12) program may select geography courses as part of the social studies major.

To complement its academic programs, the department offers an internship at several public and private agencies in the region, such as the New York State Department of Environmental Conservation and Mohonk Preserve. One semester long, the internship offers students the opportunity to gain practical, on-site experience at a planning, development, or environmental protection agency.

## Geography (BA, BS) Program Learning Outcomes

- Students will produce satisfactory work in experiential settings.
- Students will be geographically literate; able to define and explain significant concepts, theories and models in geography, and apply them to spatial analysis (General Education: Information Literacy).
- Students will specify appropriate geographic questions, propose hypotheses or solutions to problems, employ appropriate methods to answer questions, and identify the limitations of particular methodologies (General Education: Critical Thinking and Reasoning).
- Students will demonstrate proficiency in human geography and its various subfields.
- Students will demonstrate proficiency in physical geography and its various subfields.
- Students will demonstrate proficiency in cartographic and GIS techniques, methodologies, and best practices.

## Environmental Studies (BA) Program Learning Outcomes (p. 69)

- [Major in Geography](#) (p. 74)
- [Minor in Geography](#) (p. 75)
- [Minor in Urban Planning](#) (p. 75)
- [Environmental Studies](#) (p. 69)

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# Major in Geography

## Major in Geography

(42-45 credits, leading to a Bachelor of Arts degree)

Code	Title	Credits
<b>Required Core Courses (17 Credits)</b>		
GEO201	Human Geography	3
GEO202	Physical Geography	3
GEO213	Economic Geography	3
GEO341	Introduction to Geographic Information Systems	4
GEO342	Digital Map Design	4
<b>Required Statistics Course (3-4 Credits)</b>		
Select one of the following:		3-4
GEO344	Spatial Statistics	
MAT145	Statistics and Public Policy	
MAT241	Introduction to Statistics	
PSY201	Psychological Statistics	
<b>Required Science Cognate (4 Credits)</b>		
Select one of the following:		4
BIO340	Ecology	
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	
<b>Electives (18-20 Credits)</b>		
Select six (6) courses in geography, at least four (4) of which must be systematic courses.		
Systematic Courses:		
GEO203	People-Environments Geography	
GEO214	Introduction to Urban and Regional Planning	
GEO231	Geography of Hazards	

GEO314	Issues in Urban Planning
GEO321	Geography of Soils
GEO322	Geography of Water Resources
GEO331	Gender and Environment
GEO332	Geography, Health and Environment
GEO333	Advanced People-Environments Geography
GEO343	Remote Sensing
GEO411	Political Geography
GEO412	Geography of Socialism
GEO431	Natural Resources: Utilization and Management
GEO441	Geographic Information Systems Applications
GEO480 & GEO481	Internship in Geography (3,6, or 9) and Internship Seminar <sup>1</sup>
Regional Courses:	
GEO211	World Geography
GEO212	Cities of the World
GEO351	Geography of the United States and Canada
GEO354	Geography of Asia
GEO355	"Emerging" China and Critical Geopolitics

**Total Credits** 42-45

## Major in Geography: Environmental Concentration

(47-48 credits, leading to a Bachelor of Science degree)

Code	Title	Credits
<b>Required Courses (17 Credits)</b>		
GEO201	Human Geography	3
GEO202	Physical Geography	3
GEO213	Economic Geography	3
GEO341	Introduction to Geographic Information Systems	4
GEO342	Digital Map Design	4
<b>Required Environmental Courses (9 Credits)</b>		
GEO203	People-Environments Geography	3
GEO321	Geography of Soils	3
GEO431	Natural Resources: Utilization and Management	3
<b>Required Statistics Course (3 Credits)</b>		
Select one of the following:		3
GEO344	Spatial Statistics	
MAT145	Statistics and Public Policy	
MAT241	Introduction to Statistics	
<b>Required Science Cognate Courses (8 Credits)</b>		
Select any two (2) of the following lab courses:		8
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	
GLG303	Geomorphology <sup>2</sup>	
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab	
<b>Electives (10-11 Credits)</b>		
Select three (3) of the following systematic geography courses:		10-11
GEO331	Gender and Environment	
GEO332	Geography, Health and Environment	

GEO343	Remote Sensing	
GEO480 & GEO481	Internship in Geography (3,6, or 9) and Internship Seminar <sup>1,3</sup>	
<b>Total Credits</b>		<b>47-48</b>

<sup>1</sup> The internship and corequisite seminar may only be taken with the chair's permission and after the major has been completed or nearly so.

<sup>2</sup> Prereqs: GLG201 Physical Geology and GLG211 Physical Geology Laboratory

<sup>3</sup> Only four (4) credits of GEO480 Internship in Geography (3,6, or 9) may count toward the elective requirements of the Environmental concentration.

## Major in Geography: Urban Planning Concentration

(49-54 credits, leading to a Bachelor of Science degree)

Code	Title	Credits
<b>Required Core Courses (30 Credits)</b>		
GEO201	Human Geography	3
GEO202	Physical Geography	3
GEO213	Economic Geography	3
GEO214	Introduction to Urban and Regional Planning	3
GEO314	Issues in Urban Planning	3
GEO341	Introduction to Geographic Information Systems	4
GEO342	Digital Map Design	4
GEO344	Spatial Statistics	3
GEO441	Geographic Information Systems Applications	4
<b>Required Cognate Courses (9-11 Credits)</b>		
Select one of the following:		9-11
CPS104	Visual Programming	
CPS110	Web Page Design	
CPS210	Computer Science I: Foundations	
Select one of the following:		
ECO206	Principles of Microeconomics	
ECO207	Principles of Macroeconomics	
Select one of the following:		
POL216	American Govt and Politics	
POL316	American Public Policies	
POL350	Introduction to Law	
<b>Electives (3 Credits)</b>		
Select one of the following:		3
GEO212	Cities of the World	
GEO231	Geography of Hazards	
GEO315	Quantitative Analysis in Urban Planning	
GEO332	Geography, Health and Environment	
GEO351	Geography of the United States and Canada	
GEO431	Natural Resources: Utilization and Management	
<b>Required Internship (7-10 Credits)</b>		
Internship must be 6-9 credits, plus the corequisite seminar:		7-10
GEO480	Internship in Geography (3,6, or 9)	
GEO481	Internship Seminar	
<b>Total Credits</b>		<b>49-54</b>

## Minor in Geography

(18-20 credits)

Code	Title	Credits
<b>Required Courses (9 Credits)</b>		
GEO201	Human Geography	3
GEO202	Physical Geography	3
GEO213	Economic Geography	3
<b>Electives (9-11 Credits)</b>		
Each candidate for the minor must complete three (3) elective courses in geography, at least two (2) of which must be at the upper-division level.		9-11
<b>Total Credits</b>		<b>18-20</b>

## Minor in Urban Planning

(19-21 credits)

Urban planners are responsible for a broad range of activities that reshape the physical landscape, including providing infrastructure systems, planning for land-use change, and environmental stewardship. The Urban Planning minor is intended for students majoring in other fields of study who are interested in engaging with the theory and practice of urban planning.

Code	Title	Credits
<b>Required courses (13 Credits)</b>		
GEO214	Introduction to Urban and Regional Planning	3
GEO344	Spatial Statistics	3
GEO314	Issues in Urban Planning	3
GEO341	Introduction to Geographic Information Systems	4
<b>Electives (6-8 Credits)</b>		
Selective two courses, each from a different department:		6-8
ARH356	Architecture of New York City	
ARH372	Building the Twentieth Century: Architecture and Urban Design	
CPS104	Visual Programming	
CPS110	Web Page Design	
CPS210	Computer Science I: Foundations	
ECO206	Principles of Microeconomics	
ECO207	Principles of Macroeconomics	
GEO212	Cities of the World	
GEO315	Quantitative Analysis in Urban Planning	
GEO321	Geography of Soils	
GEO322	Geography of Water Resources	
GEO431	Natural Resources: Utilization and Management	
POL216	American Govt and Politics	
POL316	American Public Policies	
POL350	Introduction to Law	
SOC220	Social Inequality in the United States	
SOC345	Urban Sociology	

**Total Credits** **19-21**



# History

**Phone:** (845) 257-3545

**Location:** Jacobson Faculty Tower, Room 916A

**Web address:** [www.newpaltz.edu/history](http://www.newpaltz.edu/history)

The Department of History features an innovative and rigorous curriculum designed to train students in historical methodology, research skills, and critical thinking. We regularly offer more than 50 undergraduate courses on a wide range of topics that vary in scope from broad to specialized and vary in teaching method from lecture to discussion. Small classes enable students to hone both their written and oral abilities and permit faculty to provide greater individual attention. With the aid of advisors, students are encouraged to design curricula that are suitable to their own needs and interests in history and in complementary fields such as other social sciences, philosophy, literature, and art.

The study of history develops intellectual rigor, a keen understanding of the past, and skills that will further success in a wide variety of careers. Our graduates move on to the top law, graduate, and professional schools and have made their marks in the fields of business and finance, education, journalism, and government.

## Senior Thesis with Honors in History

For Liberal Arts majors, History provides qualified students an opportunity to research and write a thesis under the direction of a member of the department. Successful completion of the 6-credit thesis with a minimum grade of B+ in each semester enables students to graduate with Honors in History, a distinction that appears on the College transcript. Candidates for the program need a 3.50 average in History course work, a minimum of 24 credits in History, and approval of the chair of the Department of History. Application must be made during the pre-registration of the last semester of the junior year. For further details, consult with the department chair.

## History (BA, BS) Program Learning Outcomes

- Write historically.
- Think historically.
- Critically evaluate arguments and information (General Education: Critical Thinking and Reasoning).
- Use primary sources effectively (General Education: Information Literacy).
- Employ secondary literature.
- Engage in historical research.
- Understand new historical approaches.
- [Major in History](#) (p. 77)
- [Minor in History](#) (p. 77)

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## Major in History

(35-38 credits)

**Notes:**

- All majors are required to write a 2-3-page "Exit Essay" as a requirement for graduation.
- Only grades of C- or above will count for major courses.
- At least half of the courses in the major plan must be taken at New Paltz.

Code	Title	Credits
<b>United States History Courses (3 Credits)</b>		
Select one upper-division (300-400 level) course.		3
<b>World History Courses (9-10 Credits)</b>		
Select three courses, each focused on a different geographic region (Asia, Middle East, Europe, Africa, Latin America). Two courses may be upper or lower division (100-400 level); the third must be upper division (300-400 level).		9-10
<b>Method Courses (8 Credits)</b>		
HIS300	Historian's Craft	4
HIS492	Seminar in History	4
<b>History Electives (15-17 Credits)</b>		
Select five courses, of which three must be upper division (300-400 level).		15-17
<b>Total Credits</b>		<b>35-38</b>

## Senior Thesis with Honors in History

For Liberal Arts majors, History provides qualified students an opportunity to research and write a thesis under the direction of a member of the department. Successful completion of the 6-credit thesis with a minimum grade of B+ in each semester enables students to graduate with Honors in History, a distinction that appears on the College transcript. Candidates for the program need a 3.50 average in History course work, a minimum of 24 credits in History, and approval of the chair of the Department of History. Application must be made during the pre-

registration of the last semester of the junior year. For further details, consult with the department chair.

## Minor in History

(18-21 credits)

The History Department offers a minor designed both to give students a substantial grasp of the discipline and to broaden the intellectual range associated with other majors. Six courses are required, with the following distribution:

- At least three (3) courses must be at the 300-level overall.
- No more than two (2) courses (totaling 6-8 credits) are transferable from another institution.
- No more than two (2) New Paltz courses may be taken outside the History Department, and *only with the prior permission of the department chair*.

## International Relations

See [Political Science & International Relations](#) (p. 89)

## Jewish Studies

The Jewish Studies program offers the opportunity for Jewish students to deepen their understanding of their own heritage, culture, and history and for non-Jewish students to gain an inside view of one of the world's oldest cultures and religions - one that is heavily represented here in the greater New York metropolitan area.

The 15-credit interdisciplinary minor provides a focus that will enhance many academic majors, including history, philosophy, anthropology, and women's, gender, and sexuality studies. The minor also complements majors in business, education, human services (social work, health care, counseling, and others) and government - disciplines that will benefit from Jewish Studies students' insights and sensitivity to Jewish clients, co-workers, communities, and culture.

The Jewish Studies program strongly encourages and facilitates engagement with Jewish communities worldwide. Students have access to opportunities with international Jewish organizations and communal networks.

Graduates with expertise in Jewish studies are sought by employers in a wide range of professions, including academia, business, government and think tanks, international companies and organizations, libraries and museums, media, non-profit organizations, and the teaching professions at home and abroad, where insight into the Jewish community and culture add a significant competitive advantage.

For more information, please contact the Jewish Studies program director:

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E-mail: [plotkinm@newpaltz.edu](mailto:plotkinm@newpaltz.edu)

- [Minor in Jewish Studies](#) (p. 78)

## Minor in Jewish Studies

(15 credits)

Code	Title	Credits
<b>Jewish Studies Program Courses (15 Credits)</b> <sup>1</sup>		
Select any five courses in Jewish Studies, including approved cross-listed courses:		15
HEB101	Elementary Hebrew I	
HEB102	Elementary Hebrew II	
JST205	The Jewish Experience	
JST393	JST Selected Topic (by advisement)	
HIS369	Ancient Israel	
HIS370	Bible: Myth and History	
HIS371	Jews in the Middle Ages	
HIS373	The Holocaust	
HIS393	History Selected Topic	
ENG477	Literature of the Holocaust	
GER320	The Jews Of Germany	
POL220	Athens and Jerusalem: Political Thought in the Ancient and Medieval Worlds	
Other courses, with permission of the program director		
<b>Total Credits</b>		<b>15</b>

<sup>1</sup> ENG355 The Bible and HIS363 Inquisition do not count toward the Jewish Studies minor.

## Journalism

**Phone:** (845) 257-3450

**Location:** Coykendall Science Building, Room 51

**Web Address:** [www.newpaltz.edu/digitalmediajournalism](http://www.newpaltz.edu/digitalmediajournalism)

Housed in the Department of Digital Media & Journalism, the Journalism program at New Paltz is one of the most comprehensive in New York State. Courses range from practical news gathering for multi-media journalism and news writing to explorations of the history, law and literature of journalism. Students learn not only how to put together a news story in a variety of media platforms but the reasons why our society needs news and information. In addition to learning about writing and editing print stories, Journalism majors prepare for the realities of the workplace by composing, shooting, editing, and producing their stories in our state-of-the-art computer facility. The major's core required courses build functional skills in writing, reporting, editing, ethics and multimedia storytelling.

The Journalism program also offers the James H. Ottaway Sr. Visiting Professorship, the College's only endowed professorship. Each spring semester, a distinguished journalist teaches advanced undergraduate journalism students, participates in workshop/round-table discussions with students, faculty and local journalists; and gives one major campus presentation. Distinguished journalists and best-selling authors, including three Pulitzer Prize winners, have held the professorship since it was first endowed in 2001.

Students wishing to declare a major in any program of the Department of Digital Media & Journalism must have a 2.0 GPA. Journalism majors are required to complete ENG170 Writing and Rhetoric or its equivalent before declaring. *Students must earn a grade of C- or better in courses*

*that count toward any major or minor in the Department of Digital Media & Journalism.*

## Journalism (BA, BS) Program Learning Outcomes

- Conceive and write story ideas in various story forms, including news and feature, with the goal of helping the general public understand important topics by presenting them through storytelling that is comprehensive and clear.
- Produce multimedia news and news content analyses using a range of forms: audio, video, slideshow, photo essay, etc.
- Understand and use research techniques; locate, evaluate, and synthesize information from a variety of sources, using computer technology (General Education: Information Literacy).
- Report the news through comprehensive interviews, finding and verifying facts, and research that involves public documents, analyzing trends through database reporting, and using other computer-assisted reporting tools.
- Edit news stories and analyses.
- Analyze and evaluate professional norms, media history, media systems, news content, and business models, using theoretical concepts and critical thinking skills.
- Understand and apply basic ethical values that should permeate all aspects of a journalist's work.
- Develop a well-reasoned argument for a journalism project in the form of a pitch to prospective news outlets and analyze and evaluate the arguments (pitches) of others (General Education: Critical Thinking and Reasoning).
- [Major in Journalism](#) (p. 78)
- [Minor in Journalism](#) (p. 79)

## Faculty

See [Digital Media & Journalism](#) (p. 60).

## Major in Journalism

(44 credits)

- A grade of at least C- in Department of Digital Media & Journalism (DMJ) courses is required for credit toward the Journalism major.
- This major requires an internship (DMJ461 Legislative Gazette or DMJ490 Internship in Digital Media/Journalism) and corequisite seminar (DMJ491 Internship Seminar) totaling at least 5 credits. Students may fulfill the internship at the *Legislative Gazette* or elsewhere or may combine internship experiences to meet this requirement.
- An average GPA of 2.0 in Department of Digital Media & Journalism (DMJ) courses is required for degree application.

Code	Title	Credits
<b>Required Core Courses (27 Credits)</b>		
DMJ210	Investigating the News	3
DMJ215	Digital Storytelling	4
DMJ230	Journalism I	4
DMJ332	Journalism II	4
DMJ347	Media Ethics	4
DMJ453	Multimedia Editing and Publishing: The Little Rebellion	4
DMJ458	Capstone Seminar in Multimedia Reporting	4
<b>Contexts of Journalism (6 Credits)</b>		
Select 6 credits min. of the following:		6
DMJ211	Media Theory	
DMJ310	Media and Diversity	
DMJ393	Digital Media/Journalism Selected Topic	
DMJ452	Mass Media Law	
DMJ475	Picture Culture	
<b>Genres of Journalism (6 Credits)</b>		
Select 6 credits min. of the following:		6
DMJ300	Photojournalism	
DMJ313	Public Affairs Reporting	
DMJ314	Feature Writing	
DMJ328	Arts Writing	
DMJ333	Podcasting	
DMJ334	The Literature of Journalism	
DMJ393	Digital Media/Journalism Selected Topic	
DMJ470	Ottaway Seminar	
<b>Required Internship and Seminar (5 Credits)</b>		
DMJ461	Legislative Gazette	4
or DMJ490	Internship in Digital Media/Journalism	
DMJ491	Internship Seminar	1
<b>Total Credits</b>		<b>44</b>

## Minor in Journalism

(20-22 credits)

- A grade of at least C- in Department of Digital Media & Journalism (DMJ) courses is required for credit toward the Journalism minor.
- This minor requires an internship (DMJ461 Legislative Gazette or DMJ490 Internship in Digital Media/Journalism) and corequisite seminar (DMJ491 Internship Seminar) totaling at least 4 credits. Students may fulfill the internship at the *Legislative Gazette* or elsewhere or may combine internship experiences to meet this requirement.

Code	Title	Credits
<b>Required Core Courses (16-18 Credits)</b>		
DMJ210	Investigating the News	3
DMJ230	Journalism I	4
Select one of the following:		3-4
DMJ313	Public Affairs Reporting	
DMJ314	Feature Writing	
DMJ332	Journalism II	
Select two of the following:		6-7

DMJ215	Digital Storytelling	
DMJ300	Photojournalism	
DMJ328	Arts Writing	
DMJ334	The Literature of Journalism	
DMJ347	Media Ethics	
DMJ452	Mass Media Law	
DMJ453	Multimedia Editing and Publishing: The Little Rebellion	
DMJ458	Capstone Seminar in Multimedia Reporting	
DMJ470	Ottaway Seminar	
DMJ475	Picture Culture	
<b>Internship and Seminar (4 Credits)</b>		
DMJ461	Legislative Gazette	3
or DMJ490	Internship in Digital Media/Journalism	
DMJ491	Internship Seminar	1
<b>Total Credits</b>		<b>20-22</b>

## Languages, Literatures & Cultures

**Phone:** (845) 257-3480

**Location:** Old Main Building, Room 206

**Web address:** [www.newpaltz.edu/foreign\\_lang/](http://www.newpaltz.edu/foreign_lang/)

The Department of Languages, Literatures & Cultures offers undergraduate liberal arts majors in French and Spanish, each leading to Bachelor of Arts (BA) and Bachelor of Science (BS) degrees. In addition, concentrations in French and Spanish are available for Early Childhood & Childhood Education (B-6) and Early Childhood Studies (non-certification) students. Minors in French, German, Italian Studies, and Spanish are also offered. Visit [What Can I Do With This Major?](#) to learn about [careers in French](#) and [Spanish](#).

Students may choose courses in Arabic, Chinese, French, German, Italian, Hebrew, Japanese, Kiswahili, Portuguese, and Spanish, as well as courses (taught in English) in the literature and culture of France, Germany, Italy, Japan, Latin America, Russia, and Spain. Chinese and Japanese language courses count toward the interdisciplinary Asian Studies program, and French, Spanish, and Portuguese count toward the interdisciplinary Latin American & Caribbean Studies program. Courses in Hebrew count toward the Jewish Studies minor, and Black Studies students are encouraged to take Kiswahili courses to fulfill their General Education World Language requirement.

In today's global economy, understanding another language and the culture(s) in which it is spoken gives you an advantage. Language skills and cultural sensitivity are valuable as an essential part of your liberal arts education. We strongly encourage studying abroad for a full academic year, semester, or summer, and exploring our Living & Learning Communities, which provide an environment for immersion in a target language and its culture(s). When combined with another discipline, language proficiency makes the difference in obtaining challenging and exciting employment.

All language courses must be taken proceeding from lower to higher level. Please refer to the [department's Language Placement Policy](#).

## French (BA, BS) and Spanish (BA, BS) Program Learning Outcomes

Students will learn to:

- communicate across cultures;
  - express and understand multiple points of view (General Education: Critical Thinking and Reasoning);
  - present information logically (General Education: Information Literacy);
  - write effectively;
  - think collaboratively;
  - adjust to new environments;
  - analyze information, cultures, and complex problems (General Education: Critical Thinking and Reasoning);
  - read critically (General Education: Critical Thinking and Reasoning);
  - explain complex concepts;
  - gather and process information (General Education: Information Literacy);
  - generate creative solutions;
  - contextualize cultural products, practices, and perspectives.
- [Major in French](#) (p. 81)
  - [Major in Spanish](#) (p. 81)
  - [Minor in French](#) (p. 82)
  - [Minor in German](#) (p. 82)
  - [Minor in Italian Studies](#) (p. 82)
  - [Minor in Spanish](#) (p. 83)

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## Major in French

(36-48 credits)

The major program in French language, literature and culture is offered for students in liberal arts or elementary education (Early Childhood & Childhood Education; Early Childhood Studies) programs. Students are admitted to the major upon completion of Intermediate French or placement.

Code	Title	Credits
<b>Basic Language Courses (12 Credits) <sup>1</sup></b>		
FRN101	Elementary French I	3
FRN102	Elementary French II	3
FRN201	Intermediate French I	3
FRN202	Intermediate French II	3
<b>Required Courses (27 Credits)</b>		
FRN301	Communication & Writing in French	4
FRN302	Communication & Culture in French	4
FRN319	French Civilization	4
FRN320	Francophone Cultures	4
FRN375	French Literature before 1800	4
FRN376	French/Franc Lit Aft 1800	4
FRN401	Advanced French Composition & Conversation I	3
or FRN402	Advanced French Composition & Conversation II	
<b>Electives (9 Credits)</b>		
Each major candidate is required to complete, by advisement, three courses in French at the 400 level or equivalent.		9
<b>Total Credits</b>		<b>48</b>

<sup>1</sup> Students with prior training or experience in French may obtain waivers for one or more of the basic language courses listed above, after consultation with the Department of Languages, Literatures & Cultures. Any waivers obtained will reduce the total credits required to complete the major. (At least 36 credits are required.)

## Study Abroad in France

### Paris Summer Program

In cooperation with the Department of Languages, Literatures & Cultures the Center for International Programs offers a five-week summer program in Paris for undergraduate and graduate students and for teachers of French. The program centers upon active instruction in language, literature and culture. Formal instruction is augmented by field trips, excursions, movies, and visits to museums in order to provide a first-hand knowledge of French civilization. There is also free time for travel.

## Besançon, France

An academic year or semester program is offered at the University of Besançon (Center for Applied Linguistics and the Faculty of Letters) to qualified undergraduate and graduate students. Students select from a wide variety of courses in French language, literature, culture, civilization, and social sciences.

## Major in Spanish

(36-49 credits)

An academic major is offered in Spanish language and literature for students in liberal arts or elementary education (Early Childhood & Childhood Education; Early Childhood Studies) programs. A student is admitted to the major upon completion of Intermediate Spanish or placement.

Code	Title	Credits
<b>Basic Language Courses (13 Credits) <sup>1</sup></b>		
SPA101	Elementary Spanish 1	3
SPA102	Elementary Spanish 2	3
SPA201	Intermediate Spanish 1	3
SPA202	Intermediate Spanish 2	4
<b>Additional Required Courses (27 Credits)</b>		
SPA301	Communication and Culture in Spanish <sup>2</sup>	4
SPA361	Communication and Writing in Spanish <sup>2</sup>	4
SPA365	The Culture and Civilization of Spain	4
SPA372	Culture of Latin America	4
SPA375	Survey of Spanish Literature	4
SPA376	Survey of Latin American Literature	4
Select one of the following:		3
SPA363	Spanish Phonetics and Oral Practice	
SPA461	Advanced Spanish Composition	
SPA462	Advanced Spanish Grammar	
<b>Required Electives (9 Credits)</b>		
Each major is required to complete by advisement three (3) courses in Spanish at the 400 or 500 level.		9
<b>Total Credits</b>		<b>49</b>

<sup>1</sup> Students with prior training or experience in Spanish may obtain waivers for one or more of the basic language courses listed above, after consultation with the Department of Languages, Literatures & Cultures. Any waivers obtained will reduce the total credits required to complete the major. (At least 36 credits are required.)

<sup>2</sup> Students whose home language is Spanish may substitute SPA315 Spanish for Native Speakers for *either* SPA301 Communication and Culture in Spanish or SPA361 Communication and Writing in Spanish.

## Study Abroad in Spain and Ecuador

### Summer Program in Oviedo, Spain

In cooperation with the Department of Languages, Literatures & Cultures and the University of Oviedo, the Center for International Programs offers an intensive program at the University of Oviedo for undergraduate and graduate students and teachers of Spanish (Elementary and Secondary Education). The program includes active instruction in language, phonetics, history, culture and literature. Formal instruction will be

augmented by seminars, field trips, movies, plays, and public lectures. Students will have the final ten days free to travel at their own expense.

### Summer Program in Quayaquil, Ecuador

In cooperation with the Department of Languages, Literatures & Cultures and the Universidad de Especialidades Espiritu Santo, the Center for International Programs offers a program of study in Spanish language and the history, geography, and literature of Latin America at the University of Espiritu Santo. Internship opportunities are available.

### Academic Year Program in Seville, Spain

In cooperation with the Department of Languages, Literatures & Cultures, the Center for International Programs offers an academic-year program at the University of Seville to qualified undergraduate and graduate students. Spanish majors will be able to select from a wide variety of courses in Spanish language, literature, culture, civilization and social sciences. Courses in other languages and disciplines may also be taken. Non-majors may attend if they are fluent in Spanish. Prerequisite: SPA361 Communication and Writing in Spanish.

## Minor in French

Each minor candidate is expected to complete, by advisement, 16 credits beyond Intermediate French. These credits must be at the 300 level or above.

## Minor in German

### Willkommen!

#### Why study German?

German is the language behind such works of art as the poetry of Goethe and the latest Porsche. The German language and cultural program at SUNY New Paltz can provide you with important skills for your personal and professional development.

German language skills can enhance your competence in areas as diverse as music, the biological sciences, engineering, literature, and film. At SUNY New Paltz, learning German has a personal touch as well. You'll acquire the relevant cultural information as well as language proficiency. That means you'll learn the German you'll need in real-life situations and interact often with your classmates.

### Minor in German

Students must complete 15 credits in German at the 300 level or above. For a current list of contributing courses, see Course Descriptions.

### Other Opportunities

#### Study Abroad

In our 6-week summer program in Münster, Germany, students live with host families and study the language at the Kapito Language School. Other programs with longer stays are available for you through other SUNY campuses. Courses taken abroad count towards the German contract major or the German minor and can accelerate completion of either program.

#### Contract Major

Please contact the German Program coordinator for more information about the requirements for a German contract major.

#### Program Coordinator:

Dr. Bianca Gavin  
Office: Old Main 207  
Phone: (845) 257-3509  
E-mail: [gavinb@newpaltz.edu](mailto:gavinb@newpaltz.edu)

## Minor in Italian Studies

Students may take courses in Italian for personal interest or in relation to a degree program in such fields as art, business, literature, history, music and philosophy. We also offer an interdisciplinary minor (see below) and a contract major in Italian Studies. Contact the program coordinator for more information:

Dr. Alessia Mingrone  
Office: Old Main 209C  
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## Minor in Italian Studies

(18-20 credits)

The Italian Studies minor is an interdisciplinary program for students seeking a comprehensive understanding of Italy and its many contributions to western civilization. To students of Italian descent, it serves also to provide a better appreciation of themselves and their heritage. Open to students who have completed ITA201 Intermediate Italian I or reached an equivalent level of proficiency (Intermediate-Low on the ACTFL language proficiency scale), the program fosters an appreciation of Italian cultures through the study of the Italian language (on campus and through our study-abroad programs in Italy), literature and film, as well as through an emphasis on intercultural communication skills and cognate courses in the Humanities.

Code	Title	Credits
<b>Prerequisite Courses (9 Credits) <sup>1</sup></b>		
ITA101	Elementary Italian 1	3
ITA102	Elementary Italian 2	3
ITA201	Intermediate Italian I	3

<sup>1</sup> Credits for these basic language courses do not count toward the minor. Also note that students with prior training or experience in Italian may obtain waivers for one or more of these basic courses after consultation with the Department of Languages, Literatures & Cultures.

Code	Title	Credits
<b>Required Course (3 Credits)</b>		
ITA202	Intermediate Italian 2	3
<b>Core Electives (9-11 Credits)</b>		
Select three of the following:		9-11
ITA261	Italian Society in Film (in English)	
ITA262	Beyond The Godfather: New Perspectives on the Mafia	
ITA301	Italian Comp and Conver	
ITA331	Italian Literature in English I	
ITA332	Modern to Contemporary Italian Literature and Culture	
ITA375	Topics in Italian Cinema	
ITA441	Modern Italian Literature (in English)	
ITA 393/493	Italian Selected Topic	

ITA 295/495    Indep Study Italian

**Interdisciplinary Electives (6 Credits)**

Four courses taken under advisement from the Departments of Art History, English, History, Music, and Philosophy. Other departments from time to time teach courses that relate to Italian Studies. See the program coordinator.

**Total Credits** 18-20**Programs in Italy**

In cooperation with the Department of Languages, Literatures & Cultures, the Center for International Programs offers qualified students study-abroad opportunities in Italy at the University of Urbino and the Cattolica University of Milan. Please contact the Italian Studies advisor, Dr. Alessia Mingrone, for more information.

**Luigi and Anita Traverso Italian Studies Scholarship**

Italian Studies minors and contract majors interested in studying abroad in Italy are encouraged to apply for the Luigi and Anita Traverso Italian Studies Scholarship. For more information, see [Luigi and Anita Traverso Endowment](#).

**Minor in Spanish**

(19-20 credits)

Each minor candidate is expected to complete, by advisement, 19-20 credits beyond the intermediate level in at least two of three areas of language, literature and culture.

**Latin American, Caribbean & Latinx Studies**

**Phone:** (845) 257-3489 (Program Director) or (845) 257-3480 (Program Secretary)

**Location:** OM 303C (Program Director)

**Web Address:** [www.newpaltz.edu/las](http://www.newpaltz.edu/las)

Latin American, Caribbean Studies & Latinx Studies (LACLAS) offers students a broad, interdisciplinary perspective on the history, geography, economies, political systems, artistic and literary expressions, and activism of this vibrant region. Our programs – a major leading to Bachelor of Arts (BA) and Bachelor of Science (BS) degrees and an 18-credit minor – offer insights on both the common cultural formations and the different and unique cultures that give life to this region of the world. Following a Hemispheric approach, the LACLAS program focuses on the many relationships between Latin America, the Caribbean, and the United States, enabling students to learn about Latinx experiences, memories and histories.

One of the unique qualities of our program is the student's role in designing a plan of study. Both the LACLAS major and minor require our foundational course LAM270 Introduction to Latin American Studies and allow students to select classes, by advisement, from a wide range of course offerings housed in more than ten departments.

LACLAS faculty are active scholars from a wide range of academic disciplines, including anthropology, Black studies, communication studies, economics, education, English, Francophone studies, geography, history, political science, sociology, Spanish, theatre arts, and women's, gender, and sexuality studies. The interdisciplinary character of the program and faculty ensures that students approach Latin America, the

Caribbean and the Latinx experience from a wide variety of perspectives. [Study abroad](#), [internships](#), talks by prominent Latin American artists and scholars, and many extra-curricular social and cultural activities provide opportunities for students to relate directly to Latin America and the Caribbean.

Consistent with an interdisciplinary approach, students often combine LACLAS with other fields of study by declaring the minor or a double major. Majors in international business, communication, Spanish, and international relations find that a second major in LACLAS enhances their career options in the global market. Graduates with expertise in Latin America are sought by employers in many professions, including academia, business, education, government, law enforcement, medical and social services, international companies/organizations, and non-profits.

**Latin American, Caribbean & Latinx Studies (BA, BS) Program Learning Outcomes**

- **History:** narrate the key periods of Latin American, Caribbean and Latinx history, including early settlers, conquest, colonization, independence, and 20th century to the present.
- **Geography:** identify and analyze the opportunities and challenges presented by the region's geography.
- **Culture and literature:** demonstrate an understanding of the region's diverse cultural landscape, ethnic composition, social ordering, gender relations, and religious practices.
- **Current issues:** examine issues facing contemporary democratization and popular movements.
- **Politics:** classify and evaluate the range of political systems, and dominant themes in contemporary democratization and popular movements.
- **Economics:** analyze domestic and regional political economy in a hemispheric and global context.
- **Migration patterns:** assess the patterns and effects of migration from the region.
- **Latin America and the Caribbean in the U.S.:** describe the Latinx experience in terms of current issues and the interconnectedness of Latinx and Caribbean communities.
- **Language proficiency:** demonstrate competence (Intermediate 2 level or above) in a language of the region.
- [Major in Latin American, Caribbean & Latinx Studies](#) (p. 84)
- [Minor in Latin American, Caribbean & Latinx Studies](#) (p. 85)

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## Major in Latin American, Caribbean & Latinx Studies

(30-42 credits)

Code	Title	Credits
<b>Required Courses (6 Credits)</b>		
LAM270	Introduction to Latin American Studies	3
	Senior capstone experience	3
<b>Content Courses (24 Credits)</b>		

These credits must be taken from at least four (4) different departments, distributed as follows:

**Group A: Social Sciences (at least 6 credits)**

ANT305	Cultures of South America
BLK325	History of Slavery in the Americas
LAM271	Latinx America
POL353	International Relations of the Americas
POL371	Latin American Politics
SOC315	Race and Ethnicity
SOC336	Social Movements
SOC362	Race, Class, and Gender
SOC375	Race, Crime and Punishment
SOC381	Immigration & Identity
THE327	Race Gender and Performance
WOM430	Women in the Caribbean

Other courses by advisement, including selected-topics courses (XXX293, XXX393, XXX493)

**Group B: Humanities: History, Literature & the Arts (at least 9 credits)**

BLK231	Development of Afro-Latin Amer. Civilization (1492-1825)
BLK309	Introduction to Afro-Brazilian History
BLK311	Blacks in the Caribbean, 1492-Present
BLK315	Black and Latino Child Lit
BLK325	History of Slavery in the Americas
FRN320	Francophone Cultures
HIS277	LTN AM History to 1825
HIS278	Ltn AM History Since 1825
HIS376	Environmental History of Latin America
HIS377	History of Mexico
LAM271	Latinx America
SPA372	Culture of Latin America
SPA376	Survey of Latin American Literature
SPA471	Latin American and Caribbean Novel
SPA473	Modern Latin@ American Drama and Performance
SPA474	Afrolatina/o American Literature
SPA475	Dominican Identity
SPA476	Growing up Latina/o in the United States
SPA477	Latin American & Caribbean Cinema
SPA478	Music & Culture Identity in the Caribbean
THE208	Latin American Drama and Performance
THE327	Race Gender and Performance

Other courses by advisement, including selected-topics courses (XXX293, XXX393, XXX493)

**Language Proficiency (0-12 Credits)**

Language proficiency in Spanish, French or Portuguese through the Intermediate II (202) Level, or demonstrated proficiency in another widely spoken language of the region

**Total Credits**

**30-42**

## Minor in Latin American, Caribbean & Latinx Studies

(18 credits)

Each candidate is expected to complete six (6) courses in at least three (3) different areas for a total of 18 credits. Students may count up to half of the required credits for the Latin American & Caribbean Studies minor (i.e., no more than 9 credits) toward both the minor and their major plan of study.

Knowledge of Spanish or Portuguese is desirable but is not a requirement for the minor.

Code	Title	Credits
<b>Required Course (3 Credits)</b>		
LAM270	Introduction to Latin American Studies	3
<b>Elective Courses (15 Credits)</b>		
Choose courses by advisement from at least three (3) different areas.		15
<b>Total Credits</b>		<b>18</b>

## Law & Politics

See [Political Science & International Relations](#) (p. 89).

## Linguistics

**Phone:** (845) 257-2745

**Location:** SCB 148

**Web address:** [www.newpaltz.edu/linguistics](http://www.newpaltz.edu/linguistics)

Linguistics is the scientific study of language - its structure and use, how it is acquired, how it is represented and processed in the brain, how it varies by speaker and situation, and how it changes over time. Linguists seek to understand the diversity of human languages, and the common patterns that underlie all of them. Students interested in the analysis and comparison of languages, or in improving their theoretical understanding of language in connection with practical language study, may wish to consider a minor in Linguistics.

The interdisciplinary 18-credit Linguistics minor provides students with a solid foundation in the concepts and methods of contemporary linguistics. Courses offered cover the sounds of language (Phonetics), the structure of words (Morphology) and sentences (Syntax), the nature of meaning (Semantics), the use of language in the social context (Sociolinguistics), the acquisition of language (Language Development in Children), and the history and dialects of English (Development of Modern English, Black English: Language and Culture), among others. Students with majors in anthropology, communication, computer science, English, languages, philosophy, psychology, sociology, or any education curriculum may find that the Linguistics minor adds strength to their primary field of study.

Housed in the Department of English, the program also has strong ties to the departments of Black Studies, Communication, Communication Disorders; Languages, Literatures & Cultures; Philosophy, and Psychology. Through this multidisciplinary focus, students obtain a rich exposure to the study of language from diverse and complementary perspectives. Students must take LIN201 Intro To Linguistics and, by advisement, fifteen credits in courses from among those listed on the minor plan.

For more information about this program, please contact:

Dr. Oksana Laleko

Program Director

[lalekoo@newpaltz.edu](mailto:lalekoo@newpaltz.edu)



- [Minor in Linguistics](#) (p. 86)

## Minor in Linguistics

(18 credits)

At least nine (9) of the required 18 credits should be from courses outside the student's major department.

Code	Title	Credits
<b>Required Courses (12 Credits)</b>		
LIN201	Intro To Linguistics	3
Select two of the following:		6
CMD302	Phonetics	
LIN364	Syntax	
LIN365	Semantics	
LIN380	Etymology and Morphology	
LIN413	Sociolinguistics	
Select one of the following:		3
ANT216	Language and Culture	
CMD306	Language Development in Children	
ENG327	Development of Modern English	
PSY353	Psycholinguistics	
<b>Electives (6 Credits)</b>		
Select two courses from any of those listed above (excluding the four taken as required) or any of those listed below:		6
ANT406	Culture, Self & Meaning	
BLK396	Black English: Language and Culture	
CMD101	Elementary American Sign Language 1	
or CMD102	Elementary American Sign Language 2	
CMM355	Nonverbal Communication	
CMM359	Communication Among Cultures	
CMM452	Communication and Gender	
LIN293	Linguistics Selected Topic	
LIN295	Indep Study Linguistics	
LIN393	Linguistic Selected Topic	
LIN399	Modular Course	
LIN493	Linguistic Selected Topics	
LIN494	Fieldwork in Linguistics	
LIN495	Indep Study Linguistics	
PHI201	Symbolic Logic	
PHI336	Philosophy of Language	
<b>Total Credits</b>		<b>18</b>

## Medieval & Early Modern Studies

**Web address:** [www.newpaltz.edu/mems](http://www.newpaltz.edu/mems)

The minor in Medieval & Early Modern Studies is an interdisciplinary program in the art, literature, history, philosophy, religion, and political institutions of Europe and its colonies from the periods between the collapse of the Roman Empire and the French Revolution. Students may select courses from seven academic departments: Art History, Black Studies, English, Languages, Literatures & Cultures, History, Philosophy, and Political Science & International Relations.

For more information about this minor, please contact Professor Eugene Heath, MEMS program coordinator, via e-mail at [heathe@newpaltz.edu](mailto:heathe@newpaltz.edu).

- [Minor in Medieval & Early Modern Studies](#) (p. 87)

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## Minor in Medieval & Early Modern Studies

The minor in Medieval & Early Modern Studies requires 18 credits, consisting of courses from at least three academic departments. At least two Medieval courses (6 credits) and at least two Early Modern courses (6 credits) must be included. Courses may be selected from the lists below or with the approval of the MEMS program coordinator.

Up to 9 credits may count for this minor and another minor or major.

### List 1: Medieval

Code	Title	Credits
ARH363	Early Medieval Art	3
ARH364	Later Medieval Art: Gothic	3
ARH387	Art of the Islamic World	3
ENG404	Medieval Literature	4
HIS207	Medieval Europe	4
HIS346	The Black Death	3
HIS348	Medieval Society	3
HIS355	Medieval Towns	3
HIS362	Medieval Spain	3
HIS363	Inquisition	3
HIS365	Jihad and Crusades	3
HIS371	Jews in the Middle Ages	3
POL220	Athens and Jerusalem: Political Thought in the Ancient and Medieval Worlds	4

### List 2: Early Modern

Code	Title	Credits
ARH361	Art of the Renaissance in Italy	3
ARH362	Northern European Painting from Van Eyck to Bruegel	3
ARH390	Italian Renaissance Painting	3
ARH391	Baroque Painting	3
ARH442	Eighteenth-Century Arts	3
BLK231	Development of Afro-Latin Amer. Civilization (1492-1825)	3
BLK301	Survey of Pre-Colonial Africa to 1800	3
BLK311	Blacks in the Caribbean, 1492-Present	3
BLK450	The Portuguese in Africa	3
ENG405	Elizabethan Literature	4
ENG406	Shakespeare I: Selected Works	4
ENG407	Shakespeare II: Selected Works	4
ENG408	Seventeenth-Century Literature	4
ENG413	Eighteenth-Century English Literature	4
ENG414	The Rise of the Novel	4
ENG470	Major Authors	4
HIS214	Modern Europe	4
HIS277	LTN AM History to 1825	4
HIS321	Colonial America	3
HIS322	The American Revolution	3

HIS349	Renaissance and Reformation	3
HIS350	Early Modern Europe	3
HIS351	The Enlightenment	3
HIS352	Science, Magic, and Religion in the 17th c.	3
HIS354	Early Modern Cities	3
HIS357	History of England From 1485-1815	3
HIS470	Age of "Discovery" 1415-1780	3
ITA331	Italian Literature in English I	3
PHI215	Modern Philosophy	3
PHI372	Political and Social Philosophy	3
POL323	Sovereigns, Subjects, and the State: Modern Political Thought	4
SPA468	Golden Age Prose	3
SPA469	Golden Age and Colonial Literature	3

### List 3: Medieval or Early Modern <sup>1</sup>

Code	Title	Credits
ENG303	Introduction to British Literature	4
FRN375	French Literature before 1800	4
PHI311	Medieval and Renaissance Philosophy	3

<sup>1</sup> Note that courses on List 3 can be counted towards the Medieval or Early Modern course requirement but not both.

## Native American Studies

The interdepartmental, inter-faculty minor in Native American Studies is designed to promote cultural awareness of the unique heritage and significant contributions of the first Americans.

• [Minor in Native American Studies](#) (p. 87)

## Minor in Native American Studies

(21 credits)

A minimum of 21 credits is required, to be selected from the first list of Native American Studies courses below. Up to 6 credits may be taken in courses listed under Related Areas.

Code	Title	Credits
ANT305	Cultures of South America	3
ANT312	North American Archaeology	3
ANT314	New York State Archaeology	3
ANT434	Archaeological Field School	9
HIS308	Indians of New York State	3
HIS309	Indians of the United States	3
HIS310	Indians of the Eastern Woodlands	3

### Related Areas

Code	Title	Credits
ANT315	Historical Archaeology	3
ECO418	Economics of Development	3
GEO351	Geography of the United States and Canada	3
GEO393	Geography Selected Topic	3-12
HIS303	The Empire State	3

HIS321	Colonial America	3
HIS393	History Selected Topic	3-12
SOC220	Social Inequality in the United States	3
SOC315	Race and Ethnicity	3

## Philosophy

**Phone:** (845) 257-2980  
**Location:** SCB 153  
**Web address:** [www.newpaltz.edu/philosophy](http://www.newpaltz.edu/philosophy)

Philosophy is the "love of wisdom." It involves a relentless probing of the most profound and difficult questions concerning human beings and their place in the universe. It is therefore the most comprehensive study. The Department of Philosophy offers a program designed to acquaint students with the major divisions of philosophy and with the principal historical and contemporary figures and schools. The study of philosophy is excellent preparation for a variety of vocations and professions, as well as for graduate study in medicine, law, government, business, and journalism.

The Department of Philosophy offers a major (leading to a Bachelor of Arts degree) and a minor. Students should plan their programs in consultation with the department chair or another member of the Philosophy faculty as soon as they decide to declare one of these programs. Philosophy students are urged to complete a minimum of 15 credits in a foreign language and to gain as broad an education in other subject areas as possible.

## Philosophy (BA) Program Learning Outcomes

- Read: students should be able to summarize texts accurately, give plausible interpretations, explain any relevant interpretive approaches and principles, and explain or interpret any arguments, positions, ideas, concepts, or claims in them (General Education: Information Literacy).
- Evaluate: students should be able to evaluate arguments, claims, and questions appropriately.
- Argue: faced with a question, problem, or argument, students should be able to generate a focused thesis, construct different possible responses or arguments, and explain or argue why some may be stronger than others (General Education: Critical Thinking and Reasoning).
- Write: students should be able to write clearly and communicate their meaning effectively.
- Speak: students should be able to present philosophical ideas, arguments, and theories orally in a clear and accurate way, ask relevant questions, and respond appropriately and charitably to what they hear.
- Understand: students should be able to demonstrate understanding of the history, problems and major areas of philosophy (General Education: Critical Thinking and Reasoning).

- [Major in Philosophy](#) (p. 88)
- [Minor in Philosophy](#) (p. 89)

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## Major in Philosophy

(36 credits)

Code	Title	Credits
<b>Required Courses (21 Credits)</b>		
PHI201	Symbolic Logic	3
PHI211	Ancient Greek Philosophy	3
PHI215	Modern Philosophy	3
PHI304	Ethics	3
PHI471 or PHI474	Theory Of Knowledge Metaphysics	3
PHI490	Seminar	3
Select one of the following:		3

PHI252	East Asian Philosophy
PHI330	Chinese Philosophy
PHI332	Buddhist Philosophy
PHI334	Indian Philosophy

**Electives (15 Credits)**

A student must take at least five philosophy courses, of which no more than one of the following may count toward the major.<sup>1</sup> 15

PHI120	Introduction to Western Philosophy
PHI130	Introduction to Philosophical Problems
PHI140	Introduction to Global Philosophy

**Total Credits** 36

<sup>1</sup> In addition, no more than one course with a primary prefix of REL may count towards the major. Some courses from outside the department (e.g., POL323 Sovereigns, Subjects, and the State: Modern Political Thought, or LIN365 Semantics) may also fulfill the elective requirement.

## Minor in Philosophy

(18 credits)

Select philosophy courses totaling eighteen (18) credits, of which at least nine (9) credits must consist of upper-division (300/400-level) courses.

## Political Science & International Relations

**Phone:** (845) 257-3540

**Location:** SCB 134

**Web address:** [www.newpaltz.edu/polisci\\_intrela](http://www.newpaltz.edu/polisci_intrela)

The Department of Political Science & International Relations offers majors in Political Science and International Relations that are rigorous and grounded in the liberal arts. Students receive a solid introduction to their fields of study to prepare them for careers, as well as basic writing, reasoning and communication skills that will enable them to be successful in a wide variety of professions.

Both majors integrate academic rigor with real-world experience, and our faculty support students in achieving their goals. For some, this means graduate or professional schools. For others, the objective is to begin a career. Our students have been accepted into prestigious graduate schools in political science and international relations, as well as leading law schools. Others have worked for the U.S. government in the diplomatic corps, the U.S. Mission to the United Nations, the Peace Corps, and other government agencies as well as in the private sector.

In addition to its two majors, the Department of Political Science & International Relations offers minors in Political Science, International Relations, and Law & Politics. Interest in pre-law training, preparation for law school admissions, and advanced graduate work in law, legal process, and judicial behavior is met with an extensive range of courses within Political Science. A pre-law advisor works with students to prepare them for law school admission.

Also available are several experience-based, credit-bearing options outside of the traditional classroom. Among these are internship programs through which graduates have found positions in state

and federal government, industry, media relations, public policy, and communications and journalism.

Students must earn a grade of C- or better in courses used for the Political Science and International Relations majors and minors.

## Honors in Political Science

The departmental honors program recognizes outstanding student performance. A chapter of the national political science honors society, Pi Sigma Alpha, has been active on campus since 1979. In addition, students may earn a departmental award of honors in political science at the time of graduation with a GPA of 3.30 and successful completion of POL491 Honors Research under the supervision of a department faculty member and with the approval of the full department.

## Pi Sigma Alpha

Pi Sigma Alpha is the national political science student honor society. The Department of Political Science & International Relations has maintained a membership in Pi Sigma Alpha for over 30 years and accepts applications at any time from students who meet the following qualifications. A formal induction ceremony for new members is held annually on campus in late spring.

Requirements for acceptance into Pi Sigma Alpha (upon condition of verification):

1. completion of at least 60 college credits;
2. completion of at least 15 credits in political science;
3. completion of at least 3 upper-division political science credits;
4. GPA of at least 3.3 in political science classes; and
5. overall GPA of at least 3.0.

For additional information and applications, please contact Professor Joel Lefkowitz ([lefkowij@newpaltz.edu](mailto:lefkowij@newpaltz.edu), (845) 257-3792).

## Program Learning Outcomes: International Relations (BA, BS) and Political Science (BA, BS)

- Describe and explain the basic concepts and theoretical approaches in the discipline.
- Describe and explain the content, issues, concerns and debates in disciplinary subfields.
- Use mastery of concepts and content to relate the historical to the present nature of politics and governance.
- Apply theories and research methods to understand new and complex phenomena.
- Relate theoretical approaches with practice through internships.
- Develop writing skills, the ability to develop a coherent and structured argument as part of assigned research papers.

- Possess oral communication skills allowing engagement in discussion and exchange of ideas and concepts.
- Possess a sense of the responsibilities of citizenship and a sense of personal political efficacy/engagement.

- [Major in International Relations](#) (p. 90)
- [Major in Political Science](#) (p. 91)
- [Minor in International Relations](#) (p. 91)
- [Minor in Law & Politics](#) (p. 91)
- [Minor in Political Science](#) (p. 92)

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## Major in International Relations

(39 credits)

- Students must earn a grade of C- or better in courses used for the International Relations major.
- Up to 1/3 of the credits used for any other major or minor may be used to meet the requirements of this major.

Code	Title	Credits
<b>Required Courses (21 Credits)</b>		
POL227	Intro International Politics	4
POL300	Political Science Research Methods	4
Select one of the following:		4
POL404	Seminar in International Relations	
POL401	Seminar in American Government and Politics	
POL403	Seminar in Comparative Politics	
POL405	Seminar in Political Theory	
POL406	Seminar in Law	
Select one of the following:		3
POL353	International Relations of the Americas	
POL363	Chinese Foreign Pol and US	
POL365	International Politics of the Asia-Pacific	
POL366	American Foreign Policy	
HIS379	US Foreign Policy Since 1898	
Select one of the following:		3
ANT214	Principles of Cultural Anthropology	
ANT404	Political Anthropology	
GEO201	Human Geography	
Select one of the following: <sup>1</sup>		3
ECO309	Economic Development of Latin America	
ECO310	Economic Development of Asia-Pacific	
ECO401	International Trade and Finance	
ECO418	Economics of Development	
<b>Elective Courses (18 Credits)</b>		



Select twelve (12) credits, by advisement, from courses accepted for the International Relations major and minor. At least nine (9) credits must be in Political Science courses. Select six (6) additional credits in a single world area: Africa, Asia, Europe, Latin America, Middle East. Courses must be selected by advisement from those accepted for credit in International Relations.<sup>2</sup>

**Total Credits** 39

- <sup>1</sup> Or another international economics course approved by the chair. Note that each of the courses listed has a required prerequisite of ECO207 Principles of Macroeconomics or ECO206 Principles of Microeconomics.
- <sup>2</sup>
- Refer to Courses Accepted for International Relations Credit (Major or Minor) (p. 92). Consult your advisor for updates.
  - No more than one 200-level course (3-4 credits) may count toward the elective requirement.
  - Only nine (9) credits of internship may be applied to the major; the remaining elective credits will be upper-division credits.
  - POL390 Junior Seminar in Political Science may count toward the world-area requirement or as an upper-division Political Science elective.

## Major in Political Science

(42-43 credits)

- Students must earn a grade of C- or better in courses used for the Political Science major.
- Up to 1/3 of the credits used for any other major or minor may be used to meet the requirements of this major.

Code	Title	Credits
<b>Required Courses (24 Credits)</b>		
POL216	American Govt and Politics	4
POL227	Intro International Politics	4
POL229	Intro to Comparative Politics	4
POL300	Political Science Research Methods	4
Select one of the following:		4
POL401	Seminar in American Government and Politics	
POL403	Seminar in Comparative Politics	
POL404	Seminar in International Relations	
POL405	Seminar in Political Theory	
POL406	Seminar in Law	
POL220	Athens and Jerusalem: Political Thought in the Ancient and Medieval Worlds	4
or POL323	Sovereigns, Subjects, and the State: Modern Political Thought	

### Political Science Electives (18-19 Credits)

Select twelve (12) credits from one of the following sub-fields (area 18-19 concentrations) and six (6) credits from the remaining four.<sup>1</sup>

Political Theory
American Government
International Relations
Comparative Politics

Law	
<b>Total Credits</b>	<b>42-43</b>
<sup>1</sup>	
• No more than one 200-level course (3-4 credits) may count toward the elective requirement.	
• Only nine (9) credits of internship may be applied to the major; the remaining elective credits will be upper-division credits.	
• POL390 Junior Seminar in Political Science may count toward the sub-field requirement or as an upper-division Political Science elective.	

## Minor in International Relations

(19 credits)

- Courses used to meet the requirements of another major or minor may not be used to meet the requirements of this minor.
- Students must earn a grade of C- or better in courses used for the International Relations minor.

Code	Title	Credits
<b>Required Courses (10 Credits)</b>		
POL227	Intro International Politics	4
Select one of the following:		3
POL353	International Relations of the Americas	
POL363	Chinese Foreign Pol and US	
POL365	International Politics of the Asia-Pacific	
POL366	American Foreign Policy	
HIS379	US Foreign Policy Since 1898	
ANT214	Principles of Cultural Anthropology	3
or GEO201	Human Geography	
<b>Elective Courses (9 Credits)</b>		
By advisement selected from among those courses accepted for credit in the International Relations major/minor program. No more than 3-4 credits (1 course) can be at the 200 level. <sup>1</sup>		9
<b>Total Credits</b>		<b>19</b>

<sup>1</sup> Refer to Courses Accepted for International Relations Credit (Major or Minor) (p. 92). Consult your advisor for updates.

## Minor in Law & Politics

(18 credits)

This program is designed to introduce the student to the nature and significance of law in Western society. Required and elective courses examine

1. the role of law in America,
  2. the history, organization, and dynamics of legal institutions,
  3. the relationship of law to contemporary social questions,
  4. legal principles governing business, commerce, and labor, and
  5. law in the contemporary international system.
- Up to three credits of upper-division selected-topic courses (393 or 493), by prior approval of the chair of the Department of Political Science & International Relations, may count for credit in this minor.

- Courses used to meet the requirements of another major or minor may not be used to meet the requirements of this minor.
- Students must earn a grade of C- or better in courses used for the Law & Politics minor.

Code	Title	Credits
<b>Required Courses (9 Credits)</b>		
POL350	Introduction to Law	3
POL317	The American Judiciary	3
POL351	Constitutional Law: National Government	3
or POL352	Constitutional Law: Civil Liberties	
<b>Electives (9 Credits)</b>		
Select three of the following:		9
BLK335	Blacks and the American Law	
BUS271	Legal Environment of Business <sup>1</sup>	
BUS272	Business Law for Accountants <sup>1</sup>	
DMJ452	Mass Media Law	
PHI304	Ethics	
PHI305	Business Ethics	
PHI375	Philosophy of Law	
POL329	Political Obligation and Punishment	
POL351	Constitutional Law: National Government <sup>2</sup>	
POL352	Constitutional Law: Civil Liberties <sup>2</sup>	
POL355	Criminal Law	
POL356	Sex Discrimination and the Law	
POL357	International Law	
SOC305	Juvenile Delinquency	
SOC332	Criminological Theory	
WOM320	Reproductive Law and Policy	
<b>Total Credits</b>		<b>18</b>

<sup>1</sup> A maximum of three credits of BUS271 Legal Environment of Business or BUS272 Business Law for Accountants may be credited toward the minor.

<sup>2</sup> The Constitutional Law course not taken as a required course may be taken as an elective.

## Minor in Political Science

(19 credits)

- Courses used to meet the requirements of another major or minor may not be used to meet the requirements of this minor.
- Students must earn a grade of C- or better in courses used for the Political Science minor.

Code	Title	Credits
<b>Required Course (4 Credits)</b>		
POL216	American Govt and Politics	4
<b>Electives (15 Credits)</b>		
A total of 15 credits in political science courses, of which at least 12 credits must be at the 300 level or above. Only 9 credits of internship or fieldwork may be applied to the minor.		15
<b>Total Credits</b>		<b>19</b>

## Courses Accepted for International Relations Credit

Selected Topic courses (293, 393, 493) and courses not listed below but included in the Schedule of Classes under International Relations will count as electives in the major or minor.

### Anthropology

Code	Title	Credits
ANT214	Principles of Cultural Anthropology	3
ANT305	Cultures of South America	3
ANT404	Political Anthropology	3
ANT421	Gender and Anthropology	3

### Black Studies

Code	Title	Credits
BLK200	Introduction To Africa	3
BLK302	Survey of Contemporary Africa: Nineteenth Cent to Present	3
BLK309	Introduction to Afro-Brazilian History	3
BLK311	Blacks in the Caribbean, 1492-Present	3
BLK347	History of South Africa	3
BLK450	The Portuguese in Africa	3

### Economics

Code	Title	Credits
ECO309	Economic Development of Latin America	3
ECO310	Economic Development of Asia-Pacific	3
ECO401	International Trade and Finance	3
ECO418	Economics of Development	3

### French

Code	Title	Credits
FRN319	French Civilization	4
FRN320	Francophone Cultures	4

### Geography

Code	Title	Credits
GEO201	Human Geography	3
GEO211	World Geography	3
GEO213	Economic Geography	3
GEO331	Gender and Environment	3
GEO411	Political Geography	3
GEO506	Contemporary China Alternate year/Spring	3

### German

Code	Title	Credits
GER316	Germany Today	3

### History

Code	Title	Credits
HIS214	Modern Europe	4
HIS215	China to 1800	3
HIS216	Modern China	4

HIS311	Modern Germany	3
HIS317	World War II	3
HIS333	Soviet Union	3
HIS334	Gandhi	3
HIS335	Modern Japan	3
HIS340	Iran	3
HIS343	History of Islam and the Middle East 570-1918	3
HIS344	The Middle East in the 20th Century	3
HIS353	Twentieth-Century Europe	3
HIS373	The Holocaust	3
HIS377	History of Mexico	3
HIS407	Intellectual History of 19th-Century Europe	3
HIS467	The United States in Vietnam	3

## Latin American & Caribbean Studies

Code	Title	Credits
LAM270	Introduction to Latin American Studies	3

## Political Science

Code	Title	Credits
POL220	Athens and Jerusalem: Political Thought in the Ancient and Medieval Worlds	4
POL227	Intro International Politics	4
POL229	Intro to Comparative Politics	4
POL300	Political Science Research Methods	4
POL323	Sovereigns, Subjects, and the State: Modern Political Thought	4
POL324	International Relations Theory	3
POL336	Middle Eastern Politics and Institutions	3
POL339	Model United Nations	3
POL341	Revolution and Counterrevolution	3
POL342	Politics of Developing Areas	3
POL344	Politics of International Economic Organizations	3
POL345	War and International Politics	3
POL346	International Political Economy	3
POL347	Politics of Environment and Development	3
POL353	International Relations of the Americas	3
POL354	European Politics and Government	3
POL357	International Law	3
POL362	Politics of China and India	3
POL363	Chinese Foreign Pol and US	3
POL364	Nationalism in World Politics	3
POL365	International Politics of the Asia-Pacific	3
POL366	American Foreign Policy	3
POL368	Defense Issues in American Foreign Policy	3
POL369	Governments and Politics of China and Japan	3
POL370	United Nations Semester	6
POL371	Latin American Politics	3
POL372	International Relations of the Middle East	3
POL373	Russian Politics: Past and Present	3
POL374	Politics of the European Union	3
POL379	Women in Politics	3
POL390	Junior Seminar in Political Science	4

POL393	Pol Sci Selected Topic	3-12
POL401	Seminar in American Government and Politics	4
POL403	Seminar in Comparative Politics	4
POL404	Seminar in International Relations	4
POL405	Seminar in Political Theory	4
POL406	Seminar in Law	4
POL480	Government Internship	9-15
POL484	State Politics Semester	15
POL493	Polit Sci Selected Topic	3-12
POL494	Fieldwork In Political Science	1-12
POL495	Indep Study Political Science	1-12

(See also **Study Abroad**, below)

## Religious Studies

Code	Title	Credits
REL275	Islam	3

## Sociology

Code	Title	Credits
SOC310	Comparative Political Economy	3
SOC380	Social and Economic Development	3

## Spanish

Code	Title	Credits
SPA365	The Culture and Civilization of Spain	4
SPA372	Culture of Latin America	4

## Study Abroad

Code	Title	Credits
SAB353	Global Engagement Program	9

## Women's, Gender, and Sexuality Studies

Code	Title	Credits
WOM340	Transnational Feminism	3
WOM430	Women in the Caribbean	3

## Psychology

**Phone:** (845) 257-3470

**Location:** WH 361

**Web address:** [www.newpaltz.edu/psychology](http://www.newpaltz.edu/psychology)

The Psychology program at New Paltz has been designed to reflect the varying needs and interests of undergraduate psychology majors. The interests of students who major or minor in psychology generally fall into one of three categories:

1. those who want a general background in psychology but don't intend to seek employment in the field,
2. those who want to apply some principles and techniques of psychology in an employment situation; and
3. those who want to pursue a career in psychology with a graduate degree.

Psychology is an empirically based science. Therefore, it is desirable for psychology majors to have the skills to interpret and generate new information. To that end, courses in statistics and research methodology

are required of all majors. In addition, psychology majors take a writing-intensive capstone seminar in which they demonstrate their mastery of the techniques and the content areas of the discipline. Students majoring in psychology are advised to acquire a broad range of training in liberal arts. Taking a variety of elective courses in other disciplines is strongly recommended.

Students may choose to complete the general psychology major (44 credits) or either of two specialized concentrations in industrial/organizational psychology (59 credits) or psychobiology (59-62 credits). To declare a major in psychology, students must have a total cumulative GPA of at least 2.75 and a Math Placement Level (MPL) of 3 or higher (MPL 4, if declaring the psychobiology concentration). They must also have completed PSY101 Introduction to Psychology with a minimum grade of C-.

The Department of Psychology also offers two minors. The psychology minor (18 credits) provides a representative sampling of psychological research, theory, and practice. This minor would be valuable to anyone whose career would benefit from a deeper understanding of human thought, emotion, or behavior. The industrial-organizational psychology minor (19 credits) provides a background in the application of psychology to business and other organizational settings. This minor is particularly appealing to Business and Communication Studies majors.

Students also have the opportunity to declare interdisciplinary minors in Disaster Studies (p. 63) (18 credits) or Evolutionary Studies (p. 70) (18 credits). Plans of study for both minors, along with more information about the programs, are found elsewhere in this catalog.

#### ***Notice to Persons Who Have Prior Felony Convictions***

State University of New York (SUNY) policy prohibits SUNY New Paltz admission applications from inquiring into an applicant's prior criminal history. Students who have previously been convicted of a felony are advised that their prior criminal history may impede their ability to complete the requirements of certain academic programs and/or to meet the licensure requirements for certain professions, including programs in psychology.

Individuals with prior criminal histories are advised to seek advice and guidance from the chair of the academic department regarding the impact of a criminal record on meeting the requirements of the major/professional licensure or certification prior to declaring the major.

## **Psychology (BA, BS) Program Learning Outcomes**

- Research Methodology (General Education: Information Literacy): Read and understand empirical and theoretical work published in scholarly journals and books; evaluate the quality of research and the appropriateness of conclusions drawn from research; effectively and creatively design a research methodology to answer a research question; analyze data in a way that is appropriate to the research question and the nature of the data; accurately interpret results of data analysis; understand the principles of ethical treatment of research participants (human or non-human); use literature databases (e.g., PsycINFO) to effectively and efficiently identify suitable and relevant sources of research and theory; gain proficiency with the following software: word processing (e.g., Word, WordPerfect), spreadsheet (e.g., Excel), 2 database (e.g., Access), data analysis (e.g., SPSS, Jamovi, JASP), other types of software (specify); be able to create, interpret, and explain tables and figures;
- cite and use sources responsibly; use the Internet judiciously to identify sources; appropriate use of electronic resources.
- Scientific Reasoning/Critical Thinking (General Education: Critical Thinking and Reasoning): Approach claims and hypotheses with open-minded skepticism; articulate problems and research questions; understand the reciprocal relationship between theory and empirical data; generate hypotheses through integration of knowledge from relevant areas within and outside of psychology; apply logical reasoning to own and others' arguments.
- Applications: Understand and apply psychological principles to practical issues; understand and apply ethical principles in the practice of psychology; be exposed to the practice of psychology in the areas of mental health professions, industrial/organizational psychology, and health psychology.
- Values: Balance skepticism with curiosity; seek and evaluate evidence for own and others' claims; respect human diversity; tolerate ambiguity in data or literature.
- Communication Skills: Communicate ideas and information effectively through the following modalities: written reports, assignments, and examinations; oral presentations, class discussion, poster presentations. Write scientific research reports in APA format; adapt communication medium and content effectively to fit the audience. Use visual aids when appropriate to facilitate communication of complex material.
- Sociocultural Awareness and Diversity: Recognize cultural contexts and consider how they affect human behavior; appreciate individual differences; be aware of the presence of privilege, power, and prejudicial attitudes in self and others.
- Leadership and Teamwork: Communicate effectively in interpersonal situations; use technology to enhance the group's ability to communicate and work efficiently; work collaboratively to achieve a goal or solve a problem; guide and motivate others to accomplish a shared goal.
- Personal Development: Reflect on the meaning and value of own experiences; seek out and capitalize on opportunities to further own skills and experiences; apply psychology to own life; maintain a high level of personal integrity; feel and appear confident in own ability to handle new or unfamiliar situations.
- Major in Psychology (p. 95)
- Minor in Disaster Studies (p. 98)
- Minor in Evolutionary Studies (p. 98)
- Minor in Industrial/Organizational Psychology (p. 98)
- Minor in Psychology (p. 98)

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## Major in Psychology

Students may choose to major in General Psychology (p. 96) or to select a concentration in Industrial/Organizational Psychology (p. 96) or Psychobiology (p. 97).

Per campus academic policy, transfer credits may be applied to major requirements; however, one-half of the major must be completed at New Paltz.



The following plans of study reflect revisions effective fall 2021. If you declared a Psychology major in or before spring 2021, your plan of study will be different. Please consult your advisor and refer to your progress report.

## General Psychology

(44 credits<sup>1</sup>)

This program leads to either a Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) degree.

To declare the general Psychology major, students must have:

- Completed PSY101 Introduction to Psychology with a minimum grade of C-.
- A total cumulative grade point average of 2.75 or higher
- A Math Placement Level (MPL) of 3 or higher.

Code	Title	Credits
<b>Prerequisite Course (3 Credits)</b>		
PSY101	Introduction to Psychology	3
<b>Methodology Core (8 Credits)</b>		
PSY201	Psychological Statistics <sup>1</sup>	4
PSY301 & PSY311	Psychology Research Methods and Research Methods Lab	4
<b>Content Core (15 Credits)</b>		
PSY221	Social Psychology	3
PSY231	Psychopathology and Mental Distress	3
PSY241	Lifespan Development	3
PSY351	Cognitive Psychology	3
PSY361	History & Systems of Psychology	3
<b>Advanced Courses (15 Credits)</b>		
Select five (5) courses by advisement. No more than six (6) credits from the following courses will count toward this requirement: PSY392 Internship, PSY394 Crisis Intervention, PSY494 Fieldwork In Psychology, PSY495 Independent Study Psychology, DIS492 Practicum in Disaster Response, and PSY393 Selected Topic or PSY493 Selected Topic courses designated as "experiential."		15
DIS333	Disaster Psychology	
DIS492	Practicum in Disaster Response	
PSY322	Personality	
PSY323	Motivation	
PSY324	Psychology of Social Problems	
PSY332	Mental Health Professions	
PSY334	Behavior Modification	
PSY352	Perception	
PSY353	Psycholinguistics	
PSY362	Learning	
PSY363	Evolutionary Psychology	
PSY364	Constructivist Psychology	
PSY372	Psychology of Women	
PSY383	Organizational Psychology	
PSY384	Health Psychology	
PSY392	Internship	
PSY393	Selected Topic	
PSY394	Crisis Intervention	
PSY443	Infancy and Childhood	

PSY444	Adolescence and Adulthood	
PSY452	Behavioral Neuroscience	
PSY453	Cognitive Neuroscience	
PSY454	Developmental Cognitive Neuroscience	
PSY482	Industrial Psychology	
PSY485	Psychological Testing	
PSY493	Selected Topic	
PSY494	Fieldwork In Psychology	
PSY495	Independent Study Psychology	
<b>Research Experience (0 Credits)</b>		
Complete at least 12 half-hour experiential credits (i.e., 6 hours).		0
<b>Capstone Experience (3 Credits)</b>		
PSY498	Seminar in Psychology (Writing Intensive)	3
<b>Total Credits</b>		<b>44</b>

<sup>1</sup> A 3-credit transfer course equivalent to PSY201 Psychological Statistics will satisfy the core statistics requirement, thus allowing for completion of the major with 43 credits.

## Psychology with Concentration in Industrial/Organizational Psychology

(59 credits<sup>1</sup>)

This program leads to a Bachelor of Science (B.S.) degree.

To declare the concentration in Industrial/Organizational Psychology, students must have:

- Completed PSY101 Introduction to Psychology with a minimum grade of C-.
- A total cumulative grade point average of 2.75 or higher
- A Math Placement Level (MPL) of 3 or higher

Code	Title	Credits
<b>Prerequisite Course (3 Credits)</b>		
PSY101	Introduction to Psychology	3
<b>Methodology Core (8 Credits)</b>		
PSY201	Psychological Statistics <sup>1</sup>	4
PSY301 & PSY311	Psychology Research Methods and Research Methods Lab	4
<b>Content Core (15 Credits)</b>		
PSY221	Social Psychology	3
PSY231	Psychopathology and Mental Distress	3
PSY241	Lifespan Development	3
PSY351	Cognitive Psychology	3
PSY361	History & Systems of Psychology	3
<b>Industrial/Organizational Core (9 Credits)</b>		
PSY383	Organizational Psychology	3
PSY482	Industrial Psychology	3
PSY485	Psychological Testing	3
<b>Advanced Course (3 Credits)</b>		
Select one of the following:		3
DIS333	Disaster Psychology	
DIS492	Practicum in Disaster Response	

PSY322	Personality	
PSY323	Motivation	
PSY324	Psychology of Social Problems	
PSY332	Mental Health Professions	
PSY334	Behavior Modification	
PSY352	Perception	
PSY353	Psycholinguistics	
PSY362	Learning	
PSY363	Evolutionary Psychology	
PSY364	Constructivist Psychology	
PSY372	Psychology of Women	
PSY384	Health Psychology	
PSY392	Internship	
PSY393	Selected Topic	
PSY394	Crisis Intervention	
PSY443	Infancy and Childhood	
PSY444	Adolescence and Adulthood	
PSY452	Behavioral Neuroscience	
PSY453	Cognitive Neuroscience	
PSY454	Developmental Cognitive Neuroscience	
PSY493	Selected Topic	
PSY494	Fieldwork In Psychology	
PSY495	Independent Study Psychology	
<b>Business Administration Studies (9 Credits)</b>		
BUS250	Principles of Management	3
Select two of the following (note prerequisites):		6
BUS271	Legal Environment of Business	
BUS312	Operations Management	
BUS323	Introduction to Entrepreneurship	
BUS324	Introduction to Managing Sustainability	
BUS325	Marketing	
BUS326	Consumer Behavior	
BUS345	Human Resource Management	
BUS422	Leadership	
<b>Concentration Electives (9 Credits)</b>		
Select three (3) courses by advisement. In addition to the courses below, those listed above as "Advanced Course" options can count as concentration electives.		9
CMM104	Public Speaking	
CMM202	Interpersonal Communication	
CMM204	Small Group Communication	
CMM353	Persuasion and Social Influence	
CMM360	Organizational Communication	
CMM450	Negotiation	
ECO206	Principles of Microeconomics	
ECO207	Principles of Macroeconomics	
HIS367	Business and Society	
PHI201	Symbolic Logic	
PHI305	Business Ethics	
POL356	Sex Discrimination and the Law	
SOC220	Social Inequality in the United States	
SOC407	Organizations and Work	

WOM311	Gender, Race, and Work	
<b>Research Experience (0 Credits)</b>		<b>0</b>
Complete at least 12 half-hour experiential credits (i.e., 6 hours).		
<b>Capstone Experience (3 Credits)</b>		
PSY498	Seminar in Psychology (Writing Intensive)	3
<b>Total Credits</b>		<b>59</b>

<sup>1</sup> Students who receive three (3) transfer credits for a course considered equivalent to PSY201 Psychological Statistics may fulfill the major requirements with 58 credits.

## Psychology with a Concentration in Psychobiology

(59-62<sup>1</sup> credits)

*This program leads to a Bachelor of Science (B.S.) degree.*

Many graduate programs in psychology regard a broad undergraduate background in natural, physical, and social sciences as the best preparation for graduate study. The concentration in psychobiology may appeal to students interested in pursuing graduate training in physiological psychology, psychobiology, neuropsychology, or animal behavior, or in preparing for professional school while combining an interest in these areas.

To declare the concentration in Psychobiology, students must have:

- Completed PSY101 Introduction to Psychology with a minimum grade of C-.
- A total cumulative grade point average of 2.75 or higher
- A Math Placement Level (MPL) of 4 or higher

Code	Title	Credits
<b>Prerequisite Course (3 Credits)</b>		
PSY101	Introduction to Psychology	3
<b>Methodology Core (8 Credits)</b>		
PSY201	Psychological Statistics <sup>1</sup>	4
PSY301	Psychology Research Methods	4
& PSY311		and Research Methods Lab
<b>Content Core (15 Credits)</b>		
PSY221	Social Psychology	3
PSY231	Psychopathology and Mental Distress	3
PSY241	Lifespan Development	3
PSY351	Cognitive Psychology	3
PSY361	History & Systems of Psychology	3
<b>Psychobiology Core (9 Credits)</b>		
PSY452	Behavioral Neuroscience	3
Select two (2) of the following by advisement:		6
PSY352	Perception	
PSY353	Psycholinguistics	
PSY362	Learning	
PSY363	Evolutionary Psychology	
PSY384	Health Psychology	
PSY443	Infancy and Childhood	
PSY453	Cognitive Neuroscience	
PSY454	Developmental Cognitive Neuroscience	

**Required Biology Courses (15-16 Credits)**

BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab	4
BIO320 & BIO321	Genetics and Genetics Lab	4
Select one of the following:		3-4
BIO322	Evolution	
BIO370	Animal Physiology	
BIO412	Evolutionary Theory	
BIO418	Animal Behavior	

**Concentration Electives (6-8 Credits)**

Select two (2) courses by advisement:		6-8
ANT301	Human Evolution	
BIO349	Biology Research	
BIO491	Capstone Research	
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	
PSY560	Cognitive Processes (with permission)	

**Research Experience (0 Credits)**

Complete at least 12 half-hour experiential credits (i.e., 6 hours). 0

**Capstone Experience (3 Credits)**

PSY498	Seminar in Psychology (Writing Intensive)	3
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**Total Credits** 59-62

<sup>1</sup> Students who receive three (3) transfer credits for a course considered equivalent to PSY201 Psychological Statistics may fulfill the major requirements with 58-61 credits.

## Minor in Disaster Studies

(18 credits)

The Disaster Studies minor (p. 63) introduces students to both practice and research in disaster studies with a focus on the emerging field of disaster mental health. The minor includes two required classes (DIS333 Disaster Psychology and DIS492 Practicum in Disaster Response), plus three courses in anthropology, black studies, communication, geography, political science, psychology, or sociology. Students interested in learning more about this minor should visit the Institute for Disaster Mental Health website or contact IDMH Director Amy Nitza (845-257-3479; [nitzaa@newpaltz.edu](mailto:nitzaa@newpaltz.edu)).

## Minor in Evolutionary Studies

(18 credits)

The Evolutionary Studies minor (p. 70) is designed to offer undergraduates the opportunity to develop a deep, broad, and critical understanding of evolutionary principles. The minor includes an Evolutionary Studies Seminar plus selected courses in anthropology, biology, English, economics, geology, and psychology. Students interested in learning more about this minor should contact program director Dr. Thomas Nolen (Interim Dean, School of Science & Engineering, 845-257-3753 or [nolent@newpaltz.edu](mailto:nolent@newpaltz.edu)) or founding director Dr. Glenn Geher (Department of Psychology, 845-257-3091 or [geherg@newpaltz.edu](mailto:geherg@newpaltz.edu)).

## Minor in Industrial/Organizational Psychology

(19<sup>1</sup> credits)

Per SUNY New Paltz academic policy, transfer credits may be applied to minor requirements; however, one-half of the minor must be completed at New Paltz.

*The following plans of study reflect revisions effective Fall 2021. If you declared a Psychology minor in or before Spring 2021, your plan of study will be different. Please consult your advisor and refer to your progress report.*

Code	Title	Credits
<b>Prerequisite Course (3 Credits)</b>		
PSY101	Introduction to Psychology	3
<b>Industrial/Organizational Core (10 Credits)</b>		
PSY201	Psychological Statistics <sup>1</sup>	4
PSY383	Organizational Psychology	3
PSY482	Industrial Psychology	3
<b>Industrial/Organizational Electives (6 Credits)</b>		
Select two (2) of the following:		6
PSY221	Social Psychology	
PSY322	Personality	
PSY351	Cognitive Psychology	
PSY485	Psychological Testing	
PSY361	History & Systems of Psychology	
<b>Total Credits</b>		<b>19</b>

<sup>1</sup> Students who receive three (3) transfer credits for a course considered equivalent to PSY201 Psychological Statistics may fulfill the minor requirements with 18 credits.

## Minor in Psychology

(18 credits)

Per SUNY New Paltz academic policy, transfer credits may be applied to minor requirements; however, one-half of the minor must be completed at New Paltz.

*The following plans of study reflect revisions effective Fall 2021. If you declared a Psychology minor in or before Spring 2021, your plan of study will be different. Please consult your advisor and refer to your progress report.*

Code	Title	Credits
<b>Prerequisite Course (3 Credits)</b>		
PSY101	Introduction to Psychology	3

**Content Core (9 Credits)**

Select three (3) of the following: 9

PSY221	Social Psychology
PSY231	Psychopathology and Mental Distress
PSY241	Lifespan Development
PSY351	Cognitive Psychology
PSY361	History & Systems of Psychology

**Advanced Courses (6 Credits)**

Select two (2) of the following: 6

DIS333	Disaster Psychology
DIS492	Practicum in Disaster Response
PSY322	Personality
PSY323	Motivation
PSY324	Psychology of Social Problems
PSY332	Mental Health Professions
PSY334	Behavior Modification
PSY352	Perception
PSY353	Psycholinguistics
PSY362	Learning
PSY363	Evolutionary Psychology
PSY364	Constructivist Psychology
PSY372	Psychology of Women
PSY383	Organizational Psychology
PSY384	Health Psychology
PSY392	Internship
PSY393	Selected Topic
or PSY493	Selected Topic
PSY394	Crisis Intervention
PSY443	Infancy and Childhood
PSY444	Adolescence and Adulthood
PSY452	Behavioral Neuroscience
PSY453	Cognitive Neuroscience
PSY454	Developmental Cognitive Neuroscience
PSY482	Industrial Psychology
PSY485	Psychological Testing
PSY494	Fieldwork In Psychology
PSY495	Independent Study Psychology

**Total Credits****18**

## Religious Studies

**Phone:** (845) 257-2621**Location:** Jacobson Faculty Tower Room 916**Web address:** [www.newpaltz.edu/religiousstudies](http://www.newpaltz.edu/religiousstudies)

The interdisciplinary minor in religious studies gives students the opportunity to engage in the study of religion from the perspective of a number of different disciplines, including anthropology, philosophy, history, literature and sociology. REL270 Religions of the World is an introductory survey of the principal world religions. The coordinator may, in individual cases, allow credit for appropriate cognate courses or independent study.

Program Coordinator: Christopher Link (Department of English)  
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- [Minor in Religious Studies](#) (p. 100)

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## Minor in Religious Studies

(18 credits)

Code	Title	Credits
<b>Required Course (3 Credits)</b>		
REL270	Religions of the World	3
<b>Electives (15 Credits)</b>		
Select 15 credits of the following: <sup>1</sup>		15

ANT414	The Anthropology of Performance
ARH340	The Arts of Early China
ARH342	The Arts of Japan
ARH344	History of Buddhist Art
ARH361	Art of the Renaissance in Italy
ARH362	Northern European Painting from Van Eyck to Bruegel
ARH363	Early Medieval Art
ARH364	Later Medieval Art: Gothic
ARH378	Sacred Spaces, Divine Images
ARH387	Art of the Islamic World
ARH391	Baroque Painting
BLK264	African American Religion
ENG211	Great Bks Asian Classics
ENG355	The Bible
ENG404	Medieval Literature
ENG408	Seventeenth-Century Literature
HIS207	Medieval Europe
HIS243	Middle East to 1798
HIS336	Religions of Asia
HIS343	History of Islam and the Middle East 570-1918
HIS344	The Middle East in the 20th Century
HIS348	Medieval Society
HIS349	Renaissance and Reformation
HIS363	Inquisition
HIS365	Jihad and Crusades
HIS369	Ancient Israel
HIS370	Bible: Myth and History
HIS371	Jews in the Middle Ages
HIS383	Religion in the United States
JST205	The Jewish Experience
PHI252	East Asian Philosophy
PHI311	Medieval and Renaissance Philosophy
PHI320	God, World, and Soul
PHI321	Religion, Ethics, and Society
PHI325	The Meaning of Life
PHI332	Buddhist Philosophy
PHI334	Indian Philosophy
PHI382	Contemporary Buddhism
POL220	Athens and Jerusalem: Political Thought in the Ancient and Medieval Worlds
POL336	Middle Eastern Politics and Institutions
REL275	Islam
REL301	History of Christian Thought
SOC304	Sociology of Religion

**Total Credits** **18**

<sup>1</sup> Nine credits must be upper-division courses. A maximum of nine credits may count towards the student's major. No more than nine credits may be taken from courses that originate in one department, with the exception of any courses whose primary prefix is REL (Religious Studies).



Selected Topics courses, seminars, and other courses may be approved as electives at the discretion of the Religious Studies Coordinator.

## Sociology

**Phone:** (845) 257-3505

**Fax:** (845) 257-2970

**Location:** SCB 107

**Web address:** [www.newpaltz.edu/sociology](http://www.newpaltz.edu/sociology)

Sociology is the study of human social life. We are all greatly influenced by the people around us and by the society in which we live. Thus, if we want to understand why people behave and think as they do, we need to systematically examine the social conditions under which people are living. This is what will enable us to understand the origins of social problems such as poverty, racism, violence and gender inequality. A sociological perspective enables us to understand these issues and allows us to develop solutions for such social ills. Through the sociology major students will learn about the methods of sociological research and will gain an understanding of the theoretical perspectives utilized in the discipline. A sociology degree prepares students for a number of specific careers, while providing a perspective that is valuable throughout life.

The Department of Sociology offers three program options. Students who want exposure to a wide array of sociological topics can major in the basic sociology program, which includes a set of core course requirements as well as a broad array of elective topics of the student's choosing. Students may also elect to concentrate in a particular area of sociological study by taking an additional set of prescribed courses in one of two concentrations. The concentration in human services will prepare students to work directly with people in need of support; the concentration in criminology is designed for students with a focused interest on the issue of crime.

A minimum grade of C- is required for courses to count toward the Sociology major (all concentrations) and minor.

## Sociology (BA, BS) Program Learning Outcomes

### All Concentrations

- Demonstrate an understanding of and apply the basic disciplinary perspective (the critical, reflexive "sociological imagination") to social research, practice, and the broader social world (General Education: Critical Thinking and Reasoning).
- Identify the changing forms of social inequality and their consequences for social divisions that exist nationally and globally.
- Identify major theorists in the discipline and compare and contrast different theories utilized to explain social dynamics and institutions.
- Learn, evaluate, and apply social research methods (General Education: Information Literacy).
- Communicate effectively, including orally and in writing.

- Demonstrate capacity to work towards social justice and change in society.

### Criminology Concentration

- Identify and explain how crime, deviance, and delinquency are conceptualized, researched, and responded to within our society.
- Demonstrate the capacity to work in fields related to the criminal justice system.

### Human Services Concentration

- Identify and explain how human service-related needs and issues are conceptualized, researched, and responded to within our society.
- Demonstrate the capacity to work in the field of human services and other social justice and preventative settings.
- [Major in Sociology](#) (p. 102)
- [Minor in Sociology](#) (p. 103)

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## Major in Sociology

(38 credits)

A minimum grade of C- is required for courses to count toward the Sociology major (all concentrations).

Code	Title	Credits
<b>Required Courses (20 Credits)</b>		
SOC100	Intro To Sociology	3
SOC220	Social Inequality in the United States	3

SOC303	Sociological Theory	3
SOC306	Research Methods	4
SOC307	Social Statistics	4
SOC490	Senior Seminar in Sociology <sup>1</sup>	3
<b>Electives (18 Credits)</b>		
Students are required to complete, by advisement, six (6) Sociology (SOC) electives. A student also may apply to the major a total of six (6) independent study credits.		18
<b>Total Credits</b>		<b>38</b>

<sup>1</sup> Before enrolling in SOC490 Senior Seminar in Sociology, students must complete 21 credits of Sociology, including the required SOC303 Sociological Theory and SOC306 Research Methods courses.

## Sociology Major with a Concentration in Human Services

(60 credits)

The Concentration in Human Services (CHS) is a comprehensive educational program that prepares students to work in human services. Graduates work with children, youth and adults who are disadvantaged or have special needs. They work in, for example, children's homes, criminal justice agencies, runaway and domestic violence shelters, nursing homes, day treatment centers, and community-based residences. Graduates can also work in social justice and preventative settings and have gone on to graduate programs in fields such as social work, school and mental health counseling, law, special education, criminal justice, and international human rights. Some of the main features of the Concentration in Human Services are three supervised field education internships, staying together as a group throughout the educational process, and an emphasis on arts and recreation.

Applications for admission to the CHS are available in the Department of Sociology and on the Sociology website under the Concentration in Human Services. Applicants must be current or accepted SUNY New Paltz students and have completed 30 credits of college-level courses with a minimum GPA of 3.0. CHS applications must be submitted by March 15 (for fall enrollment) or October 15 (for spring enrollment).

The Concentration in Human Services consists of courses offered consecutively during the student's junior and senior years. Students must take SOC350 Introduction to Human Services prior to or as a co-requisite with SOC443 Human Services Theory and Practice I and SOC480 Fieldwork in Human Services I. SOC350 Introduction to Human Services is offered fall, spring, and summer while SOC443 Human Services Theory and Practice I and SOC480 Fieldwork in Human Services I are offered in the spring semester only.

Code	Title	Credits
<b>Required Sociology Courses (16 Credits)</b>		
SOC100	Intro To Sociology	3
SOC220	Social Inequality in the United States	3
SOC303	Sociological Theory	3
SOC306	Research Methods	4
SOC350	Introduction to Human Services	3
<b>Sociology Electives (12 Credits)</b>		
Each student must complete, by advisement, four (4) Sociology (SOC) electives.		12
<b>Human Services Concentration Core (9 Credits)</b>		

SOC443	Human Services Theory and Practice I	3
SOC444	Human Services Theory and Practice II	3
SOC445	Human Services Theory and Practice III (This is the Writing Intensive CHS capstone course in which students write a senior thesis.)	3

**Field Education Courses (12 Credits)**

SOC480	Fieldwork in Human Services I	4
SOC481	Fieldwork in Human Services II	4
SOC482	Fieldwork in Human Services III	4

**Arts and Recreation Courses (5 Credits)**

Each student must complete, by advisement, two (2) approved courses in Arts & Recreation. <sup>1</sup>

**Cognate Courses (6 Credits)**

Each student must complete, by advisement, two (2) courses in departments that offer courses related to human services. <sup>2</sup>

**Total Credits** 60

<sup>1</sup> These are hands-on courses that will provide students with a variety of modalities. A current list of approved courses is available from the Department of Sociology.

<sup>2</sup> Consult the Department of Sociology for a current list. These courses complement the Sociology human services courses.

**Sociology Major with a Concentration in Criminology**

(50 credits)

The concentration in criminology is designed for students with a special interest in crime-related issues or who plan to pursue a career within the criminal justice system.

Code	Title	Credits
<b>Required Sociology Courses (29 Credits)</b>		
SOC100	Intro To Sociology	3
SOC220	Social Inequality in the United States	3
SOC250	Crime and Society	3
SOC303	Sociological Theory	3
SOC306	Research Methods	4
SOC307	Social Statistics	4
SOC332	Criminological Theory	3
SOC494	Fieldwork in Sociology	3
SOC490	Senior Seminar in Sociology <sup>1</sup>	3

**Criminology Electives (6 Credits)**

By advisement, select two (2) of the following: 6

SOC276	Social Problems in a Global Context
SOC305	Juvenile Delinquency
SOC312	Sociology of Violence
SOC333	Deviant Behavior
SOC409	Law and Social Issues
SOC425	Drugs in American Society
SOC435	Public Health and Social Policy
SOC452	Seminar in Criminal Behavior
SOC494	Fieldwork in Sociology

**Sociology Electives (non-criminology) (9 Credits)**

Each student must complete, by advisement, nine (9) credits of Sociology (SOC) electives not included among the Criminology electives. 9

**Cognate Courses (6 Credits)**

Students are required to take six (6) credits in disciplines other than sociology that relate to crime or the criminal justice system. <sup>2</sup> 6

**Total Credits** 50

<sup>1</sup> Before enrolling in SOC490 Senior Seminar in Sociology, students must complete 21 credits of Sociology, including the required SOC303 Sociological Theory and SOC306 Research Methods courses.

<sup>2</sup> A list of acceptable cognates is available in the Department of Sociology.

**Minor in Sociology**

(18-19 credits)

A minimum grade of C- is required for courses to count toward the Sociology minor.

Code	Title	Credits
<b>Required Courses (9-10 Credits)</b>		
SOC100	Intro To Sociology	3
Select two of the following:		6-7
SOC220	Social Inequality in the United States	
SOC303	Sociological Theory	
SOC306	Research Methods	
<b>Electives (9 Credits)</b>		
Three (3) additional courses within the Department of Sociology		9
<b>Total Credits</b>		18-19

**Women's, Gender & Sexuality Studies**

**Phone:** (845) 257-3035

**Location:** JFT 214A

**Web address:** [www.newpaltz.edu/wmnstudies](http://www.newpaltz.edu/wmnstudies)

Women's, Gender, & Sexuality Studies (WGSS) explores the dynamics of gender and sexuality in relation to local and global structures of power, privilege, and oppression. We provide interdisciplinary and disciplinary courses, offering a range of methodological and theoretical tools to empower our students to think critically and develop new epistemologies. Additionally, we sponsor lectures, panels, and films, and every two years, we host an interdisciplinary conference open to the public. Our core faculty and numerous affiliates are committed to a feminist pedagogy rooted in social justice and equality.

One of the oldest programs in the SUNY system (founded in 1972), WGSS offers a major that leads to a Bachelor of Arts (BA) degree and a 20-credit minor. Both programs provide a foundation in feminist histories, theories, research methods, and practices, complemented by electives that examine representation, identity, politics, socioeconomics, social movements, and locations. Through our practicum course, WOM420, students who major in WGSS gain experience working with organizations that serve or mobilize women. In our senior seminar, WOM490, they pursue independent research in topics of their own choosing.

The Women's, Gender, & Sexuality Studies program at New Paltz is committed to improving the position of women on campus and in the broader community.

Women's, Gender & Sexuality Studies (BA)  
Program Learning Outcomes

- Be able to identify key themes in the history of the women's movement and intersections with other social justice movements.
- Demonstrate awareness of the nuances of gender and gendered representations in art and popular culture.
- Identify several ways that race, class, gender, and sexuality intersect globally and in the U.S.
- Demonstrate knowledge of a range of feminist, gender and queer theories and their implications for social, political, and economic analysis.
- Formulate a feminist research question and develop a feminist research design to answer it (General Education: Information Literacy).
- Demonstrate an applied understanding of the intersectionality of race, class, gender, and sexuality in community-based settings (General Education: Critical Thinking and Reasoning).
- [Major in Women's, Gender, and Sexuality Studies](#) (p. 104)
- [Minor in Women's, Gender, and Sexuality Studies](#) (p. 105)

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Major in Women's, Gender, and Sexuality Studies

(39 credits)

Code	Title	Credits
I. Core Courses (18 Credits)		
All WGSS majors must take the following courses:		
WOM220	Introduction to Women's, Gender, & Sexuality Studies	4
WOM321	Feminist Methods	3
WOM421	Feminist Theory	4
WOM420	Practicum in WGSS	3
WOM490	Senior Seminar in WGSS	4
II. Clusters (12 Credits)		
Select one course from each of the following four clusters, including no more than three (3) lower-division credits.		12
History and Political Contexts:		
WOM311	Gender, Race, and Work	
WOM314	Violence Against Women	
WOM316	Hst Women In US To 1880 <sup>1</sup>	
HIS307	The History of Women in the United States <sup>1</sup>	
POL379	Women in Politics	
Culture and Representation:		
WOM222	The Queer Experience	
WOM310	Motherhood and Mothering	
WOM313	Women and Drugs	
WOM319	Feminist Art and Subculture	
WOM325	Women and Popular Culture	
WOM335	Performing Feminism	
THE327	Race Gender and Performance	
THE421	Queer Theatre	
Race, Culture, Nation:		
BLK221	The Black Woman	
WOM340	Transnational Feminism	
WOM350	Native American Feminisms	
WOM430	Women in the Caribbean	
HIS480	Women in China <sup>1</sup>	
Gender, Sexuality, and Queer Studies:		
WOM315	Queer Women	
WOM318	Women Love and Sex	
WOM322	Masculinities	
WOM330	Intro to Queer Studies	
SOC360	Sociology of Gender	
SOC410	Sociology of Sex & Sexualities	
III. Individualized Program (9 Credits)		
Select three (3) electives around a theme or, for double majors, that relate to the other major, including no more than three (3) lower-division credits. <sup>2</sup>		9
IV. History Requirement (0 Credits)		

To satisfy the History Requirement, majors must take one of the history-designated courses listed below as part of their Cluster requirement or Individualized Program or as an additional elective in excess of the 39 required major credits.

WOM316	Hst Women In US To 1880	
HIS305	Women in Early Modern Europe	
HIS307	The History of Women in the United States	
HIS480	Women in China	
<b>Total Credits</b>		<b>39</b>

Consult the Schedule of Classes for specific WOM or other Selected Topics (X93) courses offered each semester. Selected Topics courses may, with advisor approval, be used to fulfill WGSS major requirements.

<sup>1</sup> Indicates a course that satisfies the History Requirement. (See Section IV.)

<sup>2</sup> All Individualized Programs must be designed in consultation with, and approved by, the student's major advisor.

## Minor in Women's, Gender, and Sexuality Studies

(20 credits)

Code	Title	Credits
<b>I. Core (Required Courses) (8 Credits)</b>		
WOM220	Introduction to Women's, Gender, & Sexuality Studies	4
WOM421	Feminist Theory	4
<b>II. Clusters (6 Credits)</b>		
Minors select one course from each of <b>two</b> of the following <b>four</b> clusters. No more than three credits can be lower division.		6
Historical and Political Contexts:		
WOM311	Gender, Race, and Work	
WOM314	Violence Against Women	
WOM316	Hst Women In US To 1880	
WOM423	Feminism in the U.S.	
HIS307	The History of Women in the United States	
Culture and Representation:		
WOM222	The Queer Experience	
WOM310	Motherhood and Mothering	
WOM319	Feminist Art and Subculture	
WOM325	Women and Popular Culture	
WOM335	Performing Feminism	
THE327	Race Gender and Performance	
Race, Culture, Nation:		
WOM340	Transnational Feminism	
WOM430	Women in the Caribbean	
BLK221	The Black Woman	
HIS480	Women in China	
Gender, Sexuality & Queer Studies:		
WOM315	Queer Women	
WOM318	Women Love and Sex	
WOM322	Masculinities	
WOM330	Intro to Queer Studies	

SOC360 Sociology of Gender

### III. Electives (6 Credits)

In consultation with their advisor, minors take an additional 6 credits in WGSS or cross-listed courses around a theme or in relation to their major. No more than three credits can be lower division.

**Total Credits** **20**



# School of Business

**Phone:** (845) 257-2930

**Location:** van den Berg Hall, Room 312

**Web address:** [www.newpaltz.edu/schoolofbusiness](http://www.newpaltz.edu/schoolofbusiness)

**E-mail:** [schoolofbusiness@newpaltz.edu](mailto:schoolofbusiness@newpaltz.edu)

The School of Business is an accredited member of AACSB International: the Association to Advance Collegiate Schools of Business. AACSB accreditation represents the highest achievement for an educational institution that awards business degrees. Fewer than five percent of the world's business programs have earned AACSB accreditation.

Bachelor of Science programs in Accounting, Business Analytics, Entrepreneurship, Finance, General Business, International Business, Marketing, and Management are offered. In all cases, students fulfill a 40-credit Business core curriculum and also complete courses required for their specific Business major. It is expected that students who complete the BS program will possess skills in critical thinking, oral and written communication, teamwork and ethics. Opportunities are available to complete two Business majors (see "Double Major") or an accelerated graduate degree (see "Business 4+1 BS-MBA"). We also offer an 18-credit minor in Business and a 21-credit minor in Business Analytics.

Acceptance as a major in Business is based on overall academic performance and on performance in selected courses. Detailed admission criteria may be obtained from the Office of the School of Business.

## Program Learning Outcomes: All Undergraduate Business Majors Assurance of Learning

The School of Business has maintained a tradition of an active and rigorous Assurance of Learning (AoL) process since our initial AACSB accreditation in 2013.

At the undergraduate level, the five undergraduate program goals—critical thinking, oral communication, written communication, teamwork, and ethics—subsume the skill set that we believe undergraduates should possess after completing their studies.

Undergraduate learning goals and corresponding learning objectives are:

- Goal 1: Critical Thinking
  - 1.1# Identify issues or relevant data.
  - 1.2# Apply appropriate principles or formulas.
  - 1.3# Interpret evidence or analyze data.
  - 1.4# Formulate well-supported conclusions or solutions.
  - 1.5# Draw implications from the resulting conclusions or solutions.
- Goal 2: Oral Communication
  - 2.1# Organization: Present information in a logical sequence.
  - 2.2# Content: Fulfill assignment using appropriate sources and analysis.
  - 2.3# Subject Knowledge Demonstrate knowledge of subject matter being presented.
  - 2.4# Ability to answer questions: Address questions with relevant, correct information.
  - 2.5# Quality of slides: Present slides that are legible and professional in appearance.
  - 2.6# Voice quality and pace: Delivery is clear with appropriate volume.

- 2.7# Pace of delivery: Pace is appropriate.
- 2.8# Mannerisms Demonstrates no distracting mannerisms.
- 2.9# Eye contact: Maintains effective eye contact.
- 2.10# Attire: Demonstrates appropriate business attire.

- Goal 3: Written Communication
  - 3.1# Document organization: Present materials in a logical manner; make the purpose of the writing clear to the reader.
  - 3.2# Paragraph coherence: Develop focused paragraphs; provide transitions between paragraphs.
  - 3.3# Sentence structure and vocabulary: Structure sentences correctly with no vocabulary errors present.
  - 3.4# Mechanics & usage: Adhere to standard rules of grammar and usage; cite outside materials as needed.
  - 3.5# Critical thinking: Develop well-reasoned arguments; support arguments with facts and evidence drawn from appropriate sources; analyze effectively.
  - 3.6# Content Present content to meet the requirements of the assignment; demonstrate accurate subject knowledge; reflect understanding of the material.
  - 3.7# Tone & format: Use tone and perspective consistent with the requirements of the assignment; choose words appropriate for the audience; format the assignment to meet the specified guidelines.
- Goal 4: Teamwork
  - 4.1# Contribute ideas/suggestions
  - 4.2# Contribute research and/or data.
  - 4.3# Develop key parts of deliverables.
  - 4.4# Follow through on tasks.
  - 4.5# Reliable in doing work
  - 4.6# Attend group meetings.
  - 4.7# Plan activities
  - 4.8# Assume leadership role.
  - 4.9# Participate in group discussions.
  - 4.10# Contribute time
  - 4.11# Offer constructive criticism/suggestions.
  - 4.12# Willing to consider alternative viewpoints.
  - 4.13# Work to resolve differences among group.
  - 4.14# Work to establish consensus among group.
  - 4.15# Show respect for others.
- Goal 5: Ethics
  - 5.1# Identify ethical issues or dilemmas.
  - 5.2# Identify stakeholders and their conflicting values in the decision.
  - 5.3# Analyze alternatives and consequences.
  - 5.4# Select a course of action
- Goal 6: Information Management
  - 6.1# Perform the basic operations of personal computer use.
  - 6.2# Determine and access the information needed
  - 6.3# Access and use information ethically and/or legally
  - 6.4# Evaluate information and its sources critically.
  - 6.5# Use information effectively to accomplish a specific purpose.
- [Accounting](#) (p. 108)
- [Business Analytics](#) (p. 109)
- [Entrepreneurship](#) (p. 109)
- [Finance](#) (p. 110)
- [General Business](#) (p. 110)
- [International Business](#) (p. 111)
- [Management](#) (p. 111)

- [Marketing](#) (p. 112)
- [Business Minors](#) (p. 113)
- [Double Major](#) (p. 114)
- [Business 4+1 BS-MBA](#) (p. 114)

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## Accounting

(64 credits)

## Business Core Curriculum

(all Business majors): 40 credits

The School of Business offers eight undergraduate degree programs: Accounting, Business Analytics, Entrepreneurship, Finance, General Business, International Business, Marketing, and Management. Students in each Business major must complete a 40-credit core curriculum consisting of the following courses, in which a minimum grade of C- is required for credit toward the major, with the exceptions noted below:

Code	Title	Credits
ECO206	Principles of Microeconomics	3
ECO207	Principles of Macroeconomics	3
BUS093	Business Workshop	0
BUS095	Excel Tutorial	0
BUS201	Financial Accounting (Accounting majors must earn at least C+)	3
BUS202	Managerial Accounting	3
BUS250	Principles of Management	3
BUS271	Legal Environment of Business	3
BUS301	Career and Internship Prep	1
BUS309	Statistics for Business and Economics I	3
BUS311	Statistics for Business and Economics II	3
BUS312	Operations Management	3
BUS325	Marketing	3
BUS341	Fundamentals of Corporate Finance (Finance majors must earn at least C+)	3
BUS450	Strategic Management	3
Applied Learning requirement		3
<b>Total Credits</b>		<b>40</b>

Building on this core curriculum, students in each of the eight majors complete specialized courses, detailed below. Except where otherwise noted, a minimum grade of C- is required for credit toward the major.

Code	Title	Credits
<b>Required Accounting Courses (24 Credits)</b>		
BUS272	Business Law for Accountants	3
BUS368	Intermediate Accounting I (Accounting majors must earn at least C+)	3
BUS369	Intermediate Accounting II	3
BUS371	Concepts in Federal Income Taxation	3
BUS373	Cost Accounting	3
BUS375	Auditing	3
BUS441	Financial Management and Policy	3
BUS442	Advanced Accounting	3
<b>Total Credits</b>		<b>24</b>

#### **Notice to Persons Who Have Prior Felony Convictions**

State University of New York (SUNY) policy prohibits SUNY New Paltz admission applications from inquiring into an applicant's prior criminal history. Students who have previously been convicted of a felony are advised that their prior criminal history may impede their ability to complete the requirements of certain academic programs and/or to meet the licensure requirements for certain professions, including the program in Accounting.

Individuals with prior criminal histories are advised to seek advice and guidance from the chair of the academic department regarding the impact of a criminal record on meeting the requirements of the major/professional licensures or certification prior to declaring the major.

## Business Analytics

(64 credits)

### Business Core Curriculum

(all Business majors): 40 credits

The School of Business offers eight undergraduate degree programs: Accounting, Business Analytics, Entrepreneurship, Finance, General Business, International Business, Marketing, and Management. Students in each Business major must complete a 40-credit core curriculum consisting of the following courses, in which a minimum grade of C- is required for credit toward the major, with the exceptions noted below:

Code	Title	Credits
ECO206	Principles of Microeconomics	3
ECO207	Principles of Macroeconomics	3
BUS093	Business Workshop	0
BUS095	Excel Tutorial	0
BUS201	Financial Accounting (Accounting majors must earn at least C+)	3
BUS202	Managerial Accounting	3
BUS250	Principles of Management	3
BUS271	Legal Environment of Business	3
BUS301	Career and Internship Prep	1
BUS309	Statistics for Business and Economics I	3
BUS311	Statistics for Business and Economics II	3

BUS312	Operations Management	3
BUS325	Marketing	3
BUS341	Fundamentals of Corporate Finance (Finance majors must earn at least C+)	3
BUS450	Strategic Management	3
Applied Learning requirement		3
<b>Total Credits</b>		<b>40</b>

Building on this core curriculum, students in each of the eight majors complete specialized courses, detailed below. Except where otherwise noted, a minimum grade of C- is required for credit toward the major.

Code	Title	Credits
<b>Required Business Analytics Courses (15 Credits)</b>		
BUS216	Data Wrangling with R	3
BUS347	Introduction to Business Analytics	3
BUS348	Decision Modeling and Analysis	3
BUS349	Data Management and Big Data	3
BUS381 & BUS461	Advanced Business Analytics and Business Analytics Capstone <sup>1</sup>	6
<b>Elective Requirement (9 Credits)</b>		
Select three of the following upper-division electives		9
BUS385	Supply Chain Analytics	
BUS386	Marketing Analytics	
BUS387	Analytics in Health Care	
BUS389	Times Series Analysis for Business	
BUS390	Business Intelligence and Analytics	
BUS391	Data Visualization	
BUS419	Seminar in Analytics	
BUS425	Marketing Research	
BUS452	Digital Marketing Analytics	
BUS459	Intro to Risk Management and Derivatives	
BUS460	Financial Analytics	
<b>Total Credits</b>		<b>24</b>

<sup>1</sup> BUS461 Business Analytics Capstone fulfills the Applied Learning requirement (see Business Core Curriculum)

## Entrepreneurship

(58 credits)

### Business Core Curriculum

(all Business majors): 40 credits

The School of Business offers eight undergraduate degree programs: Accounting, Business Analytics, Entrepreneurship, Finance, General Business, International Business, Marketing, and Management. Students in each Business major must complete a 40-credit core curriculum consisting of the following courses, in which a minimum grade of C- is required for credit toward the major, with the exceptions noted below:

Code	Title	Credits
ECO206	Principles of Microeconomics	3
ECO207	Principles of Macroeconomics	3
BUS093	Business Workshop	0

BUS095	Excel Tutorial	0
BUS201	Financial Accounting (Accounting majors must earn at least C+)	3
BUS202	Managerial Accounting	3
BUS250	Principles of Management	3
BUS271	Legal Environment of Business	3
BUS301	Career and Internship Prep	1
BUS309	Statistics for Business and Economics I	3
BUS311	Statistics for Business and Economics II	3
BUS312	Operations Management	3
BUS325	Marketing	3
BUS341	Fundamentals of Corporate Finance (Finance majors must earn at least C+)	3
BUS450	Strategic Management	3
Applied Learning requirement		3
<b>Total Credits</b>		<b>40</b>

Building on this core curriculum, students in each of the eight majors complete specialized courses, detailed below. Except where otherwise noted, a minimum grade of C- is required for credit toward the major.

Code	Title	Credits
<b>Required Entrepreneurship Courses (18 Credits)</b>		
BUS321	Organizational Behavior	3
BUS323	Introduction to Entrepreneurship	3
BUS345	Human Resource Management	3
BUS423	New Venture Development	6
& BUS457	and Entrepreneurship and Business Planning <sup>1</sup>	
Select two of the following:		6
BUS346	International Business	
BUS422	Leadership	
BUS424	Social Entrepreneurship	
BUS458	Introduction to Project Management	
<b>Total Credits</b>		<b>18</b>

<sup>1</sup> BUS457 Entrepreneurship and Business Planning fulfills the Applied Learning requirement (see Business Core Curriculum).

## Finance

(61-62 credits)

### Business Core Curriculum

(all Business majors): 40 credits

The School of Business offers eight undergraduate degree programs: Accounting, Business Analytics, Entrepreneurship, Finance, General Business, International Business, Marketing, and Management. Students in each Business major must complete a 40-credit core curriculum consisting of the following courses, in which a minimum grade of C- is required for credit toward the major, with the exceptions noted below.

Code	Title	Credits
ECO206	Principles of Microeconomics	3
ECO207	Principles of Macroeconomics	3
BUS093	Business Workshop	0

BUS095	Excel Tutorial	0
BUS201	Financial Accounting (Accounting majors must earn at least C+)	3
BUS202	Managerial Accounting	3
BUS250	Principles of Management	3
BUS271	Legal Environment of Business	3
BUS301	Career and Internship Prep	1
BUS309	Statistics for Business and Economics I	3
BUS311	Statistics for Business and Economics II	3
BUS312	Operations Management	3
BUS325	Marketing	3
BUS341	Fundamentals of Corporate Finance (Finance majors must earn at least C+)	3
BUS450	Strategic Management	3
Applied Learning requirement		3
<b>Total Credits</b>		<b>40</b>

Building on this core curriculum, students in each of the eight majors complete specialized courses, detailed below. Except where otherwise noted, a minimum grade of C- is required for credit toward the major.

Code	Title	Credits
<b>Required Finance Courses (12 Credits)</b>		
BUS441	Financial Management and Policy	3
BUS443	Investment Analysis and Portfolio Management	3
BUS445	International Financial Management	3
BUS459	Intro to Risk Management and Derivatives	3
<b>Group 1 Electives (6 Credits)</b>		
Select two of the following:		6
ECO306	Intermediate Microeconomics	
ECO307	Intermediate Macroeconomics	
BUS447	Personal Financial Planning	
or BUS347	Introduction to Business Analytics	
<b>Group 2 Electives (3-4 Credits)</b>		
Select one of the following:		3-4
MAT251	Calculus I	
ECO303	Money and Banking	
BUS368	Intermediate Accounting I	
BUS371	Concepts in Federal Income Taxation	
BUS389	Times Series Analysis for Business	
BUS460	Financial Analytics	
<b>Total Credits</b>		<b>21-22</b>

## General Business

(61 credits)

### Business Core Curriculum

(all Business majors): 40 credits

The School of Business offers eight undergraduate degree programs: Accounting, Business Analytics, Entrepreneurship, Finance, General Business, International Business, Marketing, and Management. Students in each Business major must complete a 40-credit core curriculum



consisting of the following courses, in which a minimum grade of C- is required for credit toward the major, with the exceptions noted below:

Code	Title	Credits
ECO206	Principles of Microeconomics	3
ECO207	Principles of Macroeconomics	3
BUS093	Business Workshop	0
BUS095	Excel Tutorial	0
BUS201	Financial Accounting (Accounting majors must earn at least C+)	3
BUS202	Managerial Accounting	3
BUS250	Principles of Management	3
BUS271	Legal Environment of Business	3
BUS301	Career and Internship Prep	1
BUS309	Statistics for Business and Economics I	3
BUS311	Statistics for Business and Economics II	3
BUS312	Operations Management	3
BUS325	Marketing	3
BUS341	Fundamentals of Corporate Finance (Finance majors must earn at least C+)	3
BUS450	Strategic Management	3
Applied Learning requirement		3
<b>Total Credits</b>		<b>40</b>

Building on this core curriculum, students in each of the eight majors complete specialized courses, detailed below. Except where otherwise noted, a minimum grade of C- is required for credit toward the major.

Code	Title	Credits
<b>Required General Business Courses (12 Credits)</b>		
Select one upper-division course from each of the following areas		
Finance		3
International Business		3
Management		3
Marketing		3
<b>Elective Courses (9 Credits)</b>		
Select three courses from the above areas or from the following four categories, provided all prerequisite requirements are met <sup>1</sup>		9
Accounting		
Economics		
Independent Study <sup>2</sup>		
Internship <sup>3</sup>		
<b>Total Credits</b>		<b>21</b>

<sup>1</sup> Courses taken to fulfill a Business Core or Business major requirement may not also be used to satisfy the elective requirement.

<sup>2</sup> Students may contact faculty in the School of Business to undertake independent study.

<sup>3</sup> Students may contact the Director of Business Advising to arrange an internship and to determine the number of credits applied.

## International Business

(58-59 credits plus Intermediate 2-level world language proficiency)

## Business Core Curriculum

(all Business majors): 40 credits

The School of Business offers eight undergraduate degree programs: Accounting, Business Analytics, Entrepreneurship, Finance, General Business, International Business, Marketing, and Management. Students in each Business major must complete a 40-credit core curriculum consisting of the following courses, in which a minimum grade of C- is required for credit toward the major, with the exceptions noted below:

Code	Title	Credits
ECO206	Principles of Microeconomics	3
ECO207	Principles of Macroeconomics	3
BUS093	Business Workshop	0
BUS095	Excel Tutorial	0
BUS201	Financial Accounting (Accounting majors must earn at least C+)	3
BUS202	Managerial Accounting	3
BUS250	Principles of Management	3
BUS271	Legal Environment of Business	3
BUS301	Career and Internship Prep	1
BUS309	Statistics for Business and Economics I	3
BUS311	Statistics for Business and Economics II	3
BUS312	Operations Management	3
BUS325	Marketing	3
BUS341	Fundamentals of Corporate Finance (Finance majors must earn at least C+)	3
BUS450	Strategic Management	3
Applied Learning requirement		3
<b>Total Credits</b>		<b>40</b>

Building on this core curriculum, students in each of the eight majors complete specialized courses, detailed below. Except where otherwise noted, a minimum grade of C- is required for credit toward the major.

Code	Title	Credits
<b>Required International Business Courses (15 Credits)</b>		
In addition to completing the courses listed below, International Business majors must achieve Intermediate 2-level world language proficiency.		
BUS346	International Business	3
BUS431	Cross-Cultural Management	3
BUS445	International Financial Management	3
Select two of the following:		6
BUS430	International Marketing	
BUS432	International Entrepreneurship	
BUS451	Global Virtual Teams	
SAB3xx Study Abroad course, chosen by advisement		
<b>Area Study Elective (3-4 Credits)</b>		
Select one course from a list of designated options.		3-4
<b>Total Credits</b>		<b>18-19</b>

## Management

(58 credits)

# Business Core Curriculum

(all Business majors): 40 credits

The School of Business offers eight undergraduate degree programs: Accounting, Business Analytics, Entrepreneurship, Finance, General Business, International Business, Marketing, and Management. Students in each Business major must complete a 40-credit core curriculum consisting of the following courses, in which a minimum grade of C- is required for credit toward the major, with the exceptions noted below:

Code	Title	Credits
ECO206	Principles of Microeconomics	3
ECO207	Principles of Macroeconomics	3
BUS093	Business Workshop	0
BUS095	Excel Tutorial	0
BUS201	Financial Accounting (Accounting majors must earn at least C+)	3
BUS202	Managerial Accounting	3
BUS250	Principles of Management	3
BUS271	Legal Environment of Business	3
BUS301	Career and Internship Prep	1
BUS309	Statistics for Business and Economics I	3
BUS311	Statistics for Business and Economics II	3
BUS312	Operations Management	3
BUS325	Marketing	3
BUS341	Fundamentals of Corporate Finance (Finance majors must earn at least C+)	3
BUS450	Strategic Management	3
Applied Learning requirement		3
Total Credits		40

Building on this core curriculum, students in each of the eight majors complete specialized courses, detailed below. Except where otherwise noted, a minimum grade of C- is required for credit toward the major.

Code	Title	Credits
Required Management Courses (18 Credits)		
Select one of the following tracks:		18

## General Track

Code	Title	Credits
BUS321	Organizational Behavior	3
BUS345	Human Resource Management	3
BUS346	International Business	3
Select three of the following:		9
BUS323	Introduction to Entrepreneurship	
BUS324	Introduction to Managing Sustainability	
BUS422	Leadership	
BUS423	New Venture Development	
BUS424	Social Entrepreneurship	
BUS431	Cross-Cultural Management	
BUS458	Introduction to Project Management	
Total Credits		18

## Sustainability Track

Code	Title	Credits
BUS321	Organizational Behavior	3
BUS324	Introduction to Managing Sustainability	3
BUS345	Human Resource Management	3
BUS346	International Business	3
BUS424	Social Entrepreneurship	3
Select one upper-division Sustainability elective from outside the School of Business:		3
GLG339	Natural Resources and Energy	
PHI303	Environmental Ethics	
POL311	American Environmental Politics	
POL347	Politics of Environment and Development	
SOC317	Environmental Sociology	
Total Credits		18

# Marketing

(61 credits)

## Business Core Curriculum

(all Business majors): 40 credits

The School of Business offers eight undergraduate degree programs: Accounting, Business Analytics, Entrepreneurship, Finance, General Business, International Business, Marketing, and Management. Students in each Business major must complete a 40-credit core curriculum consisting of the following courses, in which a minimum grade of C- is required for credit toward the major, with the exceptions noted below:

Code	Title	Credits
ECO206	Principles of Microeconomics	3
ECO207	Principles of Macroeconomics	3
BUS093	Business Workshop	0
BUS095	Excel Tutorial	0
BUS201	Financial Accounting (Accounting majors must earn at least C+)	3
BUS202	Managerial Accounting	3
BUS250	Principles of Management	3
BUS271	Legal Environment of Business	3
BUS301	Career and Internship Prep	1
BUS309	Statistics for Business and Economics I	3
BUS311	Statistics for Business and Economics II	3
BUS312	Operations Management	3
BUS325	Marketing	3
BUS341	Fundamentals of Corporate Finance (Finance majors must earn at least C+)	3
BUS450	Strategic Management	3
Applied Learning requirement		3
Total Credits		40

Building on this core curriculum, students in each of the eight majors complete specialized courses, detailed below. Except where otherwise noted, a minimum grade of C- is required for credit toward the major.

Code	Title	Credits
<b>Required Marketing Courses (6 Credits)</b>		
BUS326	Consumer Behavior	3
BUS425	Marketing Research	3
<b>Tracks (15 Credits)</b>		
Select one of the following tracks:		15
General Marketing		
Food Marketing		
<b>Total Credits</b>		<b>21</b>

**General Marketing**

Code	Title	Credits
Select five of the following:		15
BUS327	Sales Management	
BUS328	Food Retail Management	
BUS329	Food Category Management	
BUS360	Digital Marketing Strategy	
BUS386	Marketing Analytics	
BUS427	Advertising Strategy	
BUS429	Marketing Strategy	
BUS430	International Marketing	
BUS452	Digital Marketing Analytics	
<b>Total Credits</b>		<b>15</b>

**Food Marketing**

Code	Title	Credits
BUS328	Food Retail Management	3
BUS329	Food Category Management	3
BUS429	Marketing Strategy	3
Select two of the following:		6
BUS327	Sales Management	
BUS360	Digital Marketing Strategy	
BUS386	Marketing Analytics	
BUS427	Advertising Strategy	
BUS430	International Marketing	
BUS452	Digital Marketing Analytics	
<b>Total Credits</b>		<b>15</b>

## Business Minors

To declare a minor, contact the Center for Business Advising at 845-257-2909, or stop by the office, VH 206.

### Minor in Business

18 credits

Students majoring in a discipline other than Business can minor in Business. A minimum grade of C- is required for courses to count toward the minor.

*Pre-requisites for the minor in Business:*

Code	Title	Credits
ECO206	Principles of Microeconomics	3
ECO207	Principles of Macroeconomics	3

Code	Title	Credits
<b>Required Courses (18 Credits)</b>		
BUS201	Financial Accounting	3
BUS250	Principles of Management	3
BUS309	Statistics for Business and Economics I	3
BUS325	Marketing	3
BUS341	Fundamentals of Corporate Finance	3
BUSxxx	Business elective, by advisement	3
<b>Total Credits</b>		<b>18</b>

### Minor in Business Analytics

21 credits

The Business Analytics minor is open to both School of Business and non-School of Business students who have the required mathematics background and a strong desire to acquire big-data analytical skills alongside their majors.

A Math Placement Level (MPL) of 5 or equivalent is required, and students must first complete BUS095 Excel Tutorial. *It is strongly recommended that students interested in the Business Analytics minor complete BUS095 Excel Tutorial and attain MPL 5 before their junior year (Year 3).*

A minimum grade of C- is required for courses to count toward the Business Analytics minor.

Code	Title	Credits
<b>Required Courses (15 Credits)</b>		
BUS095	Excel Tutorial	0
BUS309	Statistics for Business and Economics I	3
BUS311	Statistics for Business and Economics II	3
BUS347	Introduction to Business Analytics	3
BUS348	Decision Modeling and Analysis	3
BUS349	Data Management and Big Data	3
<b>Elective Courses (6 Credits)</b>		
Select two of the following:		6
BUS381	Advanced Business Analytics	
BUS385	Supply Chain Analytics	
BUS386	Marketing Analytics <sup>1</sup>	
BUS387	Analytics in Health Care	
BUS389	Times Series Analysis for Business	
BUS390	Business Intelligence and Analytics	
BUS391	Data Visualization	
BUS452	Digital Marketing Analytics <sup>1</sup>	
BUS460	Financial Analytics <sup>1</sup>	
<b>Total Credits</b>		<b>21</b>

<sup>1</sup> Additional prerequisites required.

### Suggested Sequences

*BUS095 Excel Tutorial and MPL 5 before Year 3 (recommended):*

Course	Title	Credits
<b>Year 3</b>		
<b>Fall</b>		
BUS309	Statistics for Business and Economics I	3
<b>Credits</b>		<b>3</b>
<b>Spring</b>		
BUS311	Statistics for Business and Economics II	3
BUS347	Introduction to Business Analytics	3
<b>Credits</b>		<b>6</b>
<b>Year 4</b>		
<b>Fall</b>		
BUS348	Decision Modeling and Analysis	3
BUS349	Data Management and Big Data	3
<b>Credits</b>		<b>6</b>
<b>Spring</b>		
Elective courses <sup>1</sup>		6
<b>Credits</b>		<b>6</b>
<b>Total Credits</b>		<b>21</b>

<sup>1</sup> e.g. BUS381 Advanced Business Analytics, BUS389 Times Series Analysis for Business

No BUS095 Excel Tutorial and MPL 5 before Year 3:

Course	Title	Credits
<b>Year 3</b>		
<b>Fall</b>		
Prerequisite courses (do not count toward the minor)		
BUS095	Excel Tutorial	0
MAT171	Mathematical Methods for Business	3
<b>Credits</b>		<b>3</b>
<b>Spring</b>		
BUS309	Statistics for Business and Economics I	3
BUS349	Data Management and Big Data	3
<b>Credits</b>		<b>6</b>
<b>Year 4</b>		
<b>Fall</b>		
BUS311	Statistics for Business and Economics II	3
BUS347	Introduction to Business Analytics	3
BUS348	Decision Modeling and Analysis	3
<b>Credits</b>		<b>9</b>
<b>Spring</b>		
Elective courses <sup>1</sup>		6
<b>Credits</b>		<b>6</b>
<b>Total Credits</b>		<b>24</b>

<sup>1</sup> e.g. BUS381 Advanced Business Analytics, BUS389 Times Series Analysis for Business

- The core courses apply to both majors.
- Students must take all required courses for both majors. If there is an overlap in this category between the two majors, then the common course(s) will apply to both majors.
- If a course is required for one major and an elective for the second major, then that course should be counted toward the major that requires the course(s).
- The second business major must have at least 15 credits of coursework over and above that of the first business major.
- If there are not enough courses in the list of electives for either of the majors, students should see the Dean.
- Students will receive one degree with the names of the two majors on the transcript.

## Business 4+1 BS-MBA

Students interested in business beyond their Bachelor's degree can greatly enhance their career opportunities by earning a Master of Business Administration (MBA) degree. Our MBA curriculum integrates a global perspective across disciplines and a unique learning environment for students to develop effective leadership skills to compete in today's rapidly evolving global environment. Normally it would take at least two years after the undergraduate degree to earn an MBA, but with diligence and careful planning, this can be achieved earlier. In just a five-year period, students can satisfy the requirements for both the Bachelor's degree and the MBA degree. This can be accomplished by finishing the Bachelor's degree in four years and then completing the 36-credit requirement for the MBA in one year, including the summer.

Throughout the four years of undergraduate work, each student will be required to fulfill 18 credits of MBA foundation courses, which simultaneously fulfill Bachelor's degree requirements. Undergraduate students may take up to three MBA courses during their senior year. During the last undergraduate semester, students submit an application package for admission into the MBA program and, if accepted, spend their fifth year completing the remaining MBA courses in the curriculum. Please consult the Graduate Catalog for the [MBA Business Administration curriculum](#), the [MBA Public Accountancy curriculum](#) and [application information](#). For additional information about the MBA program, see <http://www.newpaltz.edu/mba>.

## Double Major

An undergraduate student may choose to have two Business majors by meeting the following requirements:

## School of Education

**Phone:** (845) 257-2800

**Location:** School of Education, Old Main Building, Room 114

**Web address:** <http://www.newpaltz.edu/schoolofed/>

### Caring, Critical, and Reflective Professionals Responsive to the Needs of a Diverse Society

The School of Education is committed to the preparation of caring, critical, and reflective professionals who are academically strong, pedagogically skilled, and responsive to the needs of our diverse society. We strive to prepare strong educators and school administrators who create communities in classrooms, schools and alternative settings where all students learn in meaningful ways. Our work is grounded in these values and commitments, which we strive to nurture in ourselves as in our students:

- Inquiry
- Intellectual growth
- Professionalism
- Appreciation of human diversity
- Advocacy for students
- Democratic citizenship

### Programs Leading to Teacher Certification

The *Department of Teaching & Learning* offers undergraduate teacher-preparation programs in [Adolescence Education](#) (p. 115) (certification to teach grades 7-12) and [Early Childhood & Childhood Education](#) (p. 121) (dual certification to teach birth through grade 2 and grades 1-6) as well as graduate programs in these and other certification areas.

### Non-Certification Programs

The [Early Childhood Studies](#) (p. 128) program prepares students to work with young children in alternative learning environments, such as daycare settings, after-school and tutoring programs, children's programs in museums and other such institutions, and parent/caregiver educational programs and workshops in schools and hospitals. The program leads to a Bachelor of Science (B.S.) degree without recommendation for the issuance of a New York State teacher certificate.

Also available is a [minor in Adolescence Education](#). Though the minor does not lead to eligibility for a New York State teacher certificate, it may be of interest to students seeking an introduction to the field of secondary education. For more information about this new program, please contact a faculty advisor in the Department of Teaching & Learning.

The *Department of Educational Studies & Leadership* offers graduate degree and certificate programs and supports undergraduate educator-preparation programs through its Educational Foundations Unit. The department's undergraduate foundations courses address the political, social and historical issues of American education and satisfy key teacher-certification requirements. An undergraduate [minor in Social Justice Educational Studies](#) (p. 130) is also available.

## Accreditation

SUNY New Paltz is fully accredited by the [Association for Advancing Quality in Educator Preparation \(AAQEP\)](#). AAQEP accredits programs that prepare professional educators (including teachers, school leaders and administrators, and other education-related personnel) and that lead to recognized degrees at the bachelor's, post-baccalaureate, or master's level and/or to recognized post-degree professional certificates or endorsements, across the United States and its territories and dependencies.

- [Adolescence Education](#) (p. 115)
- [Early Childhood & Childhood Education](#) (p. 121)
- [Early Childhood Studies \(non-certification\)](#) (p. 128)
- [Educational Studies](#) (p. 129)
- [Special Education](#) (p. 131)

## Adolescence Education

**Phone:** (845) 257-2850

**Location:** Old Main Building, Room 323

**Web address:** [www.newpaltz.edu/schoolofed/undergraduate-programs/adolescence-education/](http://www.newpaltz.edu/schoolofed/undergraduate-programs/adolescence-education/)

The Adolescence Education Unit of the Department of Teaching & Learning offers instruction leading to New York State initial and professional certification to teach the following subjects in Grades 7-12: English, Mathematics, the sciences (Biology, Chemistry, Earth Science, and Physics), and Social Studies. In addition to completing courses in the liberal-arts major of their choice, Adolescence Education students complete core education courses and State-mandated requirements for teaching certification, as well as New Paltz's General Education and graduation requirements. Certificates for teaching in New York State are automatically accepted for teaching in many other states.

In addition to the content-area majors listed above, a minor in Adolescence Education is available. Though the minor does not lead to eligibility for a New York State teaching certificate, it may be of interest to students seeking an introduction to the field of secondary education. Furthermore, for students pursuing a BA in Biology, Chemistry, or Geology or a BS in Mathematics, the Adolescence Education minor is designed to facilitate completion of two degrees in five years: the undergraduate bachelor's degree and the graduate MAT (Master of Arts in Teaching) degree. For more information about this new program, please speak with a faculty advisor in the Department of Teaching & Learning.

### Adolescence Education: Admissions Requirements

- Students may [apply to the Adolescence Education program](#) as a freshman. Those who enter the program at a later point may need more than eight semesters to graduate.
- Transfer students must be [accepted to SUNY New Paltz](#) before [applying to the Adolescence Education program](#). Transfer students may be waived from EDI233 Education Seminar unless their advisor recommends that they take the course.
- Students wishing to apply to Adolescence Education: Mathematics must first be accepted as a Math major. A Declaration of Major form signed by the Department of Mathematics must be submitted with the application.



- All students with no previous college-level language study must complete a two-semester sequence (6-8 credits) at the elementary level in a language other than English. Students who can be placed at an intermediate or advanced language level must complete one course (3-4 credits).
- Students must meet the following requirements to continue in the program:
  - 3.0 GPA overall;
  - 4-7 credits in Writing and Rhetoric (1-2 composition courses) with a grade of "B" or better;
  - A passing grade in EDI233 Education Seminar, and satisfactory completion of the application essay;
  - Fingerprints on a NYS TEACH account; and
  - Completion of State-mandated workshops (Child Abuse, SAVE, DASA, Health & Safety).

#### Notice to Persons Who Have Prior Felony Convictions

State University of New York (SUNY) policy prohibits SUNY New Paltz admission applications from inquiring into an applicant's prior criminal history. Students who have previously been convicted of a felony are advised that their prior criminal history may impede their ability to complete the requirements of certain academic programs and/or to meet the licensure requirements for certain professions, including the program in Adolescence Education.

Individuals with prior criminal histories are advised to seek advice and guidance from the chair of the academic department regarding the impact of a criminal record on meeting the requirements of the major/professional licensure or certification prior to declaring the major.

## Adolescence Education (BA, BS) Program Learning Outcomes

### English Language Arts

Candidates who successfully complete all required components of the Adolescence Education (7-12) program in English will know and be able to demonstrate:

- **Content Knowledge:**Demonstrate content area mastery by completing a carefully structured program in English that requires at least 37 hours of coursework and includes in-depth study of: the English language/linguistics; critical practices and writing; British, American and Transnational literature; young adult literature; Shakespeare; and literary theory.
- **Planning:**Plan lessons in the English language arts that are standards-based; structured in accordance to learners' needs; use differentiated instructional strategies and appropriate technologies; promote diversity and inclusion; and contribute to safe, democratic, and equitable learning environments.
- **Assessment and Learning for Adolescents, grades 7-12:**Choose, design, and implement authentic and appropriate formative and summative assessments to evaluate student learning; Use assessment data when making instructional decisions; identify effective or problematic teaching moments as they are occurring in order to facilitate student growth in the English language arts, including adolescents' cognitive and/or social skills.
- **Pedagogical Practice:**Demonstrate varied, imaginative, and relevant teaching strategies that include appropriate and effective technology, effective questioning and discussion, and a variety of developmentally and contextually appropriate strategies to support critical thinking and meaningful learning in the English language arts.
- **Dispositions:**Demonstrate integrity of character and ethical conduct; participate effectively in institutional change; and develop respectful relationships with students, families, communities and colleagues.
- **Critical Thinking:**Identify, analyze, and evaluate different methods of planning, assessing, and teaching to support pedagogical decisions.
- **Information Literacy:**Use technology and basic research techniques to inform planning, instruction, and assessment of English language arts for adolescents, grades 7-12.

## Sciences (Biology, Chemistry, Earth Science, Physics) and Mathematics

Candidates who successfully complete all required components of the Adolescence Education (7-12) programs in the sciences (Biology, Chemistry, Earth Science, Physics) or Mathematics will know and be able to demonstrate:

- **Content Knowledge:** Demonstrate content area mastery by completing at least 30 hours of coursework in content sciences or math plus cognates.
- **Planning:**#Plan lessons in science that are NYSP-12SLS standards-based or in math that are NCTM standards-based, are clear and organized, rely upon a variety of appropriate pedagogical practices, include appropriate technologies, and differentiate instruction that provides opportunities to promote appreciation of diversity, tolerance, and inclusion in safe, democratic, and equitable learning environments.
- **Assessment and P-12 Learning:**Be able to choose, design, and implement authentic and appropriate formative and summative assessments to evaluate student learning, to consider assessment data when making instructional decisions, and to identify effective or problematic teaching moments as they are occurring in order to facilitate student growth in specified content, cognitive skills, and/or social skills.
- **Pedagogical Practice:**Demonstrate the ability to maximize student learning by incorporating content with pedagogical knowledge, utilizing appropriate and effective technology, and implementing a variety of developmentally and contextually appropriate evidence-based instructional strategies to make learning meaningful and relevant for students while teaching.
- **Dispositions:**Exhibit the knowledge, skills, and dispositions necessary to practice an ethically informed and self-reflective philosophy, participate effectively in institutional change, and develop respectful relationships with students, families, communities and colleagues.
- **Critical Thinking:**Identify, analyze, and evaluate different methods of planning, assessing, and teaching in order to develop well-reasoned arguments that support pedagogical decisions, and transfer these skills to students through the development of higher order thinking lesson development.
- **Information Literacy:**Use technology and basic research techniques in order to locate, evaluate, and synthesize new findings in science or mathematics with concepts in content knowledge, planning, assessment, and pedagogical practice.

## Social Studies

Candidates who successfully complete all required components of the Adolescence Education (7-12) program in Social Studies will know and be able to demonstrate:

- **Content Knowledge:** Demonstrate content area mastery by completing at least 30 hours of coursework in social studies.
- **Planning:** Plan lessons in social studies that are standards-based, clear and organized, rely upon a variety of appropriate instructional strategies and appropriate technologies, and differentiate instruction, providing opportunities to promote appreciation of diversity, tolerance, and inclusion in safe, democratic, and equitable learning environments.
- **Assessment and P-12 Learning:** Choose, design, and implement authentic and appropriate formative and summative assessments to evaluate student learning, consider assessment data when making instructional decisions, and identify effective or problematic teaching moments as they are occurring in order to facilitate student growth in specified content, cognitive skills, and/or social skills.
- **Pedagogical Practice:** Demonstrate the ability to maximize student learning by incorporating content and pedagogical content knowledge, appropriate and effective technology, and a variety of developmentally and contextually appropriate evidence-based instructional strategies to make learning meaningful for students while teaching.
- **Dispositions:** Exhibit the knowledge, skills, and dispositions necessary to practice an ethically informed and self-reflective philosophy, participate effectively in institutional change, and develop respectful relationships with students, families, communities and colleagues.
- **Critical Thinking:** Identify, analyze, and evaluate different methods of planning, assessing, and teaching in order to develop well-reasoned arguments that support pedagogical decisions.
- **Information Literacy:** Use technology and basic research techniques in order to locate, evaluate, and synthesize best-practices concepts in content knowledge, planning, assessment, and pedagogical practice.
- [Adolescence Education: Education Courses](#) (p. 117)
- [Additional Requirements](#) (p. 120)
- [Biology \(7-12\)](#) (p. 118)
- [Chemistry \(7-12\)](#) (p. 118)
- [Earth Science \(7-12\)](#) (p. 119)
- [English \(7-12\)](#) (p. 119)
- [Mathematics \(7-12\)](#) (p. 120)
- [Physics \(7-12\)](#) (p. 120)
- [Social Studies \(7-12\)](#) (p. 120)
- [Minor in Adolescence Education](#)

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## Adolescence Education: Education Courses

Code	Title	Credits
<b>Educational Studies Required Courses (12 Credits)</b>		
EDS340	Sociological and Philosophical Foundations of Education	3
EDS372	Developing Adolescence	3
EDS383	Introduction to Literacy for Diverse Learners	3
SPE385	Differentiating Instruction in the Secondary School	3
<b>Secondary Education Required Courses (10 Credits)</b>		
SED354	Foundations of Secondary Education Seminar	1
SED453	Curriculum and Assessment in the Secondary School	3
SED356	Teaching and Learning in the Digital Environment	3
SED353	Field Work #1 <sup>1</sup>	1

SED350	Fieldwork #2	1
SED407	Fieldwork #3	1
<b>Methods (3 Credits)</b>		
Select one of the following: <sup>2</sup>		3
SED370	Teaching English in the Secondary School	
SED373	Teaching Social Studies in the Secondary School	
SED374	Teaching Science in the Secondary School	
SED375	Teaching Mathematics in the Secondary School	
<b>Student Teaching Required Courses (13 Credits)</b>		
SED404	Student Teaching Secondary, 7-9	6
SED405	Student Teaching Secondary 10-12	6
SED406	Student Teaching Seminar	1
<b>Total Credits</b>		<b>38</b>

<sup>1</sup> All students are required to have a membership to the adopted assessment platform (Watermark). The cost of the membership is covered by a course fee that will be assessed when you register for SED353 Field Work #1. Instructions for setting up your membership will be sent via email before the midpoint of the semester when you register for this class.

<sup>2</sup> Taken the semester before Student Teaching.

Please refer to [Additional Requirements for Certification](#) (p. 120) for the specialized training and workshops required for all New York State educator-preparation programs leading to an Initial Certificate.

## Biology (7-12)

59-64 credits

Code	Title	Credits
<b>Required Biology Courses (12 Credits)</b>		
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab	4
BIO320 & BIO321	Genetics and Genetics Lab	4
<b>Content Areas (9-12 Credits)</b>		
Select one course from each of the following content areas:		9-12
Environmental Biology:		
BIO301	Field Biology Fall	
BIO340	Ecology	
BIO425	Plant Ecophysiology	
BIO440	Freshwater Biology	
BIO445	Ornithology	
Evolution and Diversity of Life:		
BIO305	Plant Morphology	
BIO307	Comparative Vertebrate Anatomy	
BIO360	Virology	
BIO370	Animal Physiology	
BIO412	Evolutionary Theory	
BIO418	Animal Behavior	
BIO435	Entomology	
BIO446	Cellular Evolution	

Architecture of Life:		
BIO311	Developmental Plant Anatomy	
BIO350	General Microbiology	
BIO358	Molecular Biology	
BIO359	Cell Biology	
BIO388	Biological Chemistry	
BIO413	Developmental Biology	
BIO444	Nucleic Acid Technologies	
BIO448	Host-Microbe Coevolution	
BIO451	Capstone Microbiology	
BCM360	Protein Structure and Function	
BCM461	Biochemistry 1	
<b>Biology Electives (7-9 Credits)</b>		
Two (2) upper-division courses		7-9
<b>Required Cognate Courses (31 Credits)</b>		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
Select one of the following:		8
Option One:		
PHY221 & PHY211	Fundamental Physics 1 and Physics 1 Laboratory	
PHY222 & PHY232	Fundamental Physics II and Fundamental Physics 2 Lab	
Option Two:		
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT241	Introduction to Statistics	3
<b>Total Credits</b>		<b>59-64</b>

## Chemistry (7-12)

55 credits

Code	Title	Credits
<b>Required Chemistry Courses (32 Credits)</b>		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
CHE303	Introduction to Analytical Chemistry	4
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
CHE314	Inorganic Chemistry	3
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	4
CHE321	Physical Chemistry I <sup>1</sup>	3
CHE322	Physical Chemistry II <sup>1</sup>	3

CHE323	Experimental Physical Chemistry	3
<b>Required Cognate Courses (23 Credits)</b>		
Select one of the following:		4
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT341	Applied Mathematics I	3
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
<b>Total Credits</b>		<b>55</b>

<sup>1</sup> CHE321 and CHE322 have a corequisite 0-credit Physical Chemistry Recitation.

## Earth Science (7-12)

58 credits

Code	Title	Credits
<b>Geology Core (24 Credits)</b>		
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	4
GLG202	Historical Geology	4
GLG311	Mineralogy and Crystallography	4
GLG314	Petrology	4
GLG331	Stratigraphy-Sedimentation	4
GLG405	Structure and Tectonics	4
<b>Geological Science Courses (11 Credits)</b>		
GLG120	Weather and Environment	4
GLG305	Paleontology	4
GLG339 or GLG346	Natural Resources and Energy (by advisement) Environmental Impact Assessment	3
<b>Cognate Courses (23 Credits)</b>		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
MAT251	Calculus I	4
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
Select one of the following:		4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	
PHY222 & PHY232	Fundamental Physics II and Fundamental Physics 2 Lab	
PHY205 or PHY206	Exploring the Solar System Exploring the Universe	3
<b>Total Credits</b>		<b>58</b>

## Recommended Courses

12 credits

Code	Title	Credits
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	4
CPS210	Computer Science I: Foundations	4
GEO341	Introduction to Geographic Information Systems	4

## English (7-12)

37-38 credits

- At least one-half of your courses for the English major must be completed at New Paltz.
- Credits for Composition courses (ENG160 Composition I, ENG170 Writing and Rhetoric, ENG180 Composition II, ENG206 Advanced Writing and Rhetoric, ENG207 Intermediate Composition ) are not included in the major requirement.
- Courses taken S\*/U\* or graded below C- cannot be counted toward the major.
- Students transferring 3-credit English courses considered equivalent to 4-credit ENG courses at New Paltz may need to take additional English electives to make up missing credits. All Adolescence Education: English majors must complete at least 37 credits.

Code	Title	Credits
<b>Foundational Courses (16 Credits)</b>		
ENG300	Seminar in Critical Practices	4
ENG303	Introduction to British Literature	4
ENG333	Introduction to American Literature	4
ENG343 or ENG353	Transnational Literature Multiethnic and Diasporic Literature	4
<b>English Language (3 Credits)</b>		
Select one of the following:		3
ENG327	Development of Modern English	
LIN201	Intro To Linguistics	
LIN413	Sociolinguistics	
<b>Shakespeare (4 Credits)</b>		
ENG406 or ENG407	Shakespeare I: Selected Works Shakespeare II: Selected Works	4
<b>Theory and Practice of Reading and Writing (3 Credits)</b>		
Select one of the following:		3
ENG224	Expository Writing	
ENG345	Creative Writing Workshop I	
ENG385	Theories of Writing	
<b>Literacy Criticism (4 Credits)</b>		
ENG420 or ENG423	Literary Criticism Contemporary Literary Theory	4
<b>Literature for Young Adults (4 Credits)</b>		
ENG460 or ENG465	Classic Juvenile Fantasy Literature Young Adult Literature	4
<b>Upper-Division Course in English (3-4 Credits)</b>		
Select one course <sup>1</sup>		3-4
<b>Total Credits</b>		<b>37-38</b>

<sup>1</sup> Excludes ENG345 Creative Writing Workshop I , ENG348 Dramatic Writing Stag and Scrn, ENG445 Creative Writing Workshop II , ENG448 Writing the Novel, ENG452 The Craft of Fiction , ENG453 The Craft of Poetry , ENG454 The Craft of Creative Non Fiction , ENG455 The Craft of Dramatic Writing .

Mathematics (7-12)

47-48 credits

Code	Title	Credits
Required Mathematics Courses (36 Credits)		
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT353	Calculus III	4
MAT260	Introduction to Proof	3
MAT331	Axiomatic Geometry	3
MAT304	Foundations of Algebra	3
MAT363	Combinatorics	3
or MAT381	Probability and Statistics I	
MAT362	Linear Algebra	3
MAT303	Foundations of Analysis	3
MAT431	Real Analysis I	3
MAT441	Abstract Algebra I	3
Required Cognate Courses (11-12 Credits)		
CPS104	Visual Programming	3-4
or CPS210	Computer Science I: Foundations	
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
Total Credits		47-48

Physics (7-12)

53 credits

Code	Title	Credits
Required Physics Courses (30 Credits)		
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
PHY306	Mechanics 1	3
PHY308 & PHY310	Modern Physics I and Modern Physics Laboratory	4
PHY313	Electricity and Magnetism	3
Four upper-division Physics electives		12
Required Cognate Courses (23 Credits)		
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT353	Calculus III	4
MAT341	Applied Mathematics I	3
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4

CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
Total Credits		53

Social Studies (7-12)

43-46 credits

- All courses should have prior approval under History Department advisement.
- No selected topic or independent study courses to be used, except by special permission.
- Only grades of C- or better can count for major courses.
- All majors must take, with the approval of their advisor, at least one course “Pre-1500” and at least one course “Post-1500.”
- All majors are required to maintain portfolios of their history essays and to write a 300-word “Exit Essay” as a requirement for graduation. See your advisor for details.

Code	Title	Credits
Required History Courses (43-46 Credits)		
I. Europe		
Three courses; at least one should be 200-level and one must be upper-division; at least one must be History.		10-11
II. United States		
Three courses; at least one should be 200-level and one must be upper-division; at least one must be History.		10-11
III. Africa, American Indians, Asia (including Russia), Latin America, Middle East		
Three courses; at least one should be 200-level and one must be upper-division; at least one must be History.		10-11
IV. Geography/Economics		
GEO213	Economic Geography	3
or GEO201	Human Geography	
One additional Geography course and one Economics course or two Economics courses		6
V. Political Science		
Select one of the following:		4
POL216	American Govt and Politics	
POL227	Intro International Politics	
POL229	Intro to Comparative Politics	
Total Credits		43-46

Additional Requirements

Assessment Platform

All students are required to have a membership to the adopted assessment platform (Watermark). The cost of the membership is covered by a course fee that will be assessed when you register for SED353 Field Work #1. Instructions for setting up your membership will be sent via email before the midpoint of the semester when you register for this class.

Child Protection Policy

The SUNY system-wide Child Protection Policy sets protocols and mandates for campuses to follow when SUNY has children in its care,



custody, and control. To learn more about the CPP and its training modules, visit the [School of Education homepage](#).

## Fingerprinting

All teacher candidates must be fingerprinted through MorphoTrust upon acceptance into an education degree program<sup>1</sup>. We recommend that you complete this State-mandated process as soon as possible after you are admitted to the program. First, self-register to create a [TEACH Login Account](#), then [make an appointment through Identogo](#).

For detailed information about fingerprinting, see the [School of Education's certification guidance](#). In addition, NYSED publishes [Fingerprint Frequently Asked Questions \(FAQs\)](#).

## Specialized Training and Workshops

In addition to required coursework in education and a liberal arts major, specialized training and workshops are required for all New York State educator-preparation programs leading to an Initial Certificate. A [summary of requirements for teacher certification in New York State](#) is available on NYSED's Office of Teaching Initiatives' website. For guidance specific to New Paltz, see [Education Program & Certification Advisor](#) on the School of Education website.

You are advised to complete the following State-mandated workshops prior to your fieldwork placements.

- *Child Abuse Identification Workshop*: All candidates for teacher certification will complete a State-mandated two-hour training lecture on recognizing and reporting child abuse or neglect. Group sessions will be provided on campus, or students may take the training from social service agencies, community colleges, or BOCES. This is not a credit course and evidence of training must be documented on candidates' transcripts.
- *Dignity for All Students Act (DASA) Training*: All students will complete a six-hour training in the prevention of bullying and harassment. Training is provided periodically on campus or may be taken through BOCES or another approved provider. This is not a credit course and evidence of training must be documented on students' transcripts.
- *Schools Against Violence in Education (SAVE) Act Training*: All students will complete a two-hour workshop in school violence prevention. Workshops are held periodically on campus or may be taken elsewhere through an approved provider. This is not a credit course and evidence of training must be documented on students' transcripts.
- *Training in Health & Safety Education*: This 0-credit online training (EDI095 Training in Health & Safety Education) includes topics mandated by New York State Education Law for teacher candidates. The four video modules provide information on the means for instructing students for the purpose of preventing alcohol, tobacco, and other drug abuse (Education Law section 804); instructing students in fire and arson prevention (Education Law section 808); providing safety education as it pertains to highway safety, traffic regulations, and bicycle safety (Education Law section 806); and instructing students for preventing child abduction (Education Law section 803-a).

## Student Teaching

Student teaching is a capstone experience for all undergraduate elementary and secondary teacher candidates seeking a bachelor's degree. It is a full-time commitment extending for an entire semester with placements in two different settings. As such, the School of Education

requires that all required coursework is completed *before* the capstone experience begins, and it restricts secondary teacher candidates from taking any other course(s) while registered for student teaching except the co-requisite SED407 Fieldwork #3 and SED406 Student Teaching Seminar.

### Requirements to Student Teach

- Grade of B or better in Methods Course<sup>2</sup>
- Approval of Coordinator and Chair

### Transportation

Students are responsible for their own transportation to field and student-teaching placements and must be prepared to commute up to 45 miles, one way, to these placements.

## New York State Certification Examinations

- Educating All Students Test (EAS)
- Content Specialty Test(s) (CST) in the area of certification

See [New York State Teacher Certification Examinations - Tests](#).

<sup>1</sup> New Paltz education programs require an internship, field experience, study abroad component, or clinical experience. Students who have previously been convicted of a felony are advised that their prior criminal history may impede their ability to complete the requirements of certain academic programs and/or to meet licensure requirements for certain professions. If applicants have concerns about this matter (or any past legal or background history), please contact the Dean's Office of the intended academic program.

<sup>2</sup> GPA Requirements for Methods: All Adolescence Education (7-12) students must have a 3.0 GPA to register for methods. Students unable to meet this GPA prerequisite will be advised to change their major so they can graduate in a timely manner.

## Early Childhood & Childhood Education

**Phone:** (845) 257-2860

**Location:** Old Main Building 115

**Web address:** [www.newpaltz.edu/elementaryed](http://www.newpaltz.edu/elementaryed)

Early Childhood & Childhood Education is a four-year Bachelor of Science program that prepares students for careers as teachers of children from birth through grade six. Graduates of the program are qualified to receive dual certification, i.e., teaching certification in both Early Childhood Education (B-2, birth through grade two) and Childhood Education (1-6, grades one through six). To obtain these certifications, students must complete the program and pass all required New York State Teacher Certification Examinations.

Teacher candidates learn the skills required to work effectively with children from different backgrounds and in different settings, including developmentally appropriate teaching practices and curriculum planning. A thorough grounding in child development is part of the program, as is an understanding of a balanced approach to teaching literacy. The program further emphasizes a mastery of mathematics, social studies, and science appropriate to the elementary school years. Throughout the curriculum, we promote an interdisciplinary approach to teaching and learning in the elementary classroom. This is a rigorous

program that requires extensive field experiences in sites chosen for their appropriateness by the Office of Field Experiences' coordinator. *Candidates are responsible for their own transportation to field sites and cannot expect to have sites close to the New Paltz campus or their homes. All efforts are made to find sites within one hour of the New Paltz campus.*

#### **Notice to Persons Who Have Prior Felony Convictions**

State University of New York (SUNY) policy prohibits SUNY New Paltz admission applications from inquiring into an applicant's prior criminal history. Students who have previously been convicted of a felony are advised that their prior criminal history may impede their ability to complete the requirements of certain academic programs and/or to meet the licensure requirements for certain professions, including the program in Early Childhood and Childhood Education.

Individuals with prior criminal histories are advised to seek advice and guidance from the chair of the academic department regarding the impact of a criminal record on meeting the requirements of the major/professional licensure or certification prior to declaring the major.

## **Admission Requirements**

- Students may declare a major in Early Childhood & Childhood Education during their first year. Those who enter the program at a later point may need more than eight semesters to graduate.
- Students must choose an academic concentration, some of which have their own entrance criteria.
- Students must meet the following requirements (assessed at three different checkpoints) to continue in the program:
  - 3.0 GPA overall; 2.5 GPA in academic concentration
  - 4-7 credits in Writing and Rhetoric (1-2 composition courses) with a grade of "B" or better; minimum "B-" or "S" for required EED and SPE courses; minimum "C" for required foundation courses (EDS340 Sociological and Philosophical Foundations of Education, EDS371 Child Psychology and Development, MAT140 Mathematics for Elementary School Teachers I, MAT240 Mathematics for Elementary School Teachers II, GEO202 Physical Geography, world language)
  - 30 hours of independent fieldwork (classroom observations; paid or volunteer work with children in schools, camps, daycare centers; coaching, tutoring, etc.)
  - Passing score on writing sample (to be evaluated by Early Childhood & Childhood Education faculty for organization and appropriate English grammar and usage)
  - Fingerprints on a NYS TEACH account
  - Completion of State-mandated workshops (Child Abuse Identification, SAVE, DASA, Health & Safety Education. Health & Safety training consists of four video modules, included in EDI095 Training in Health & Safety Education.)
  - Satisfactory dispositions assessments and "target" or "proficient" lesson/unit planning skills.

## **Transfer Students**

Due to the highly structured and sequenced nature of the Early Childhood & Childhood Education (B-6) program, students who intend to transfer to New Paltz must plan their transfer coursework carefully. Several General Education requirements should be fulfilled under advisement by specific courses that also serve as education foundation courses. Students in an AA/AS degree program should complete all, or nearly all, New Paltz

education foundation courses prior to transfer, so that upon matriculation at New Paltz they may begin junior-year education methods courses.

## **Early Childhood/Childhood Education (BS) Program Learning Outcomes**

Candidates who successfully complete all required components of the Early Childhood/Childhood Education (B-2 and 1-6) program will know and be able to demonstrate:

- **Critical Thinking and Intellectual Development:** Identify, analyze, and evaluate different methods of planning, assessing, and teaching in order to develop well-reasoned arguments that support pedagogical decisions. Also demonstrate an appropriate level of proficiency in written and oral communication, critical thinking and analytical mathematical and scientific reasoning.
- **Content Knowledge:** Demonstrate an awareness and understanding of the teaching profession, articulate a developing philosophy of education that incorporates an understanding of relevant theories and models of education and mastery of knowledge and skills in a chosen content area of academic concentration.
- **Planning:** Be able to plan lessons in early childhood/childhood education that are standards-based, clear and organized, rely upon a variety of developmentally appropriate instructional strategies and appropriate technologies, differentiate instruction in ways that provide opportunities to promote appreciation of diversity, tolerance, and inclusion in safe, democratic, and equitable learning environments.
- **Assessment and P-12 Learning:** Be able to select, design, and implement authentic and appropriate formative and summative assessments to evaluate student learning, consider assessment data when making instructional decisions, and identify effective or problematic teaching moments as they are occurring in order to facilitate student growth in specified content, cognitive skills, and/or social-emotional skills.
- **Fieldwork:** Successfully complete three fieldwork placements; a minimum of 120 hours, aligned with appropriate methods courses, in preparation for student teaching, the program's capstone practicum experience.
- **Pedagogical Practice:** Demonstrate the ability to maximize student learning by incorporating content and pedagogical content knowledge, appropriate and effective technology, and a variety of developmentally and contextually appropriate evidence-based instructional strategies to make learning meaningful for students while teaching.
- **Information Literacy:** Use technology and basic research techniques in order to locate, evaluate, and synthesize best-practices concepts in content knowledge, planning, assessment, and pedagogical practice.
- **Professional Skills and Dispositions:** Exhibit the knowledge, skills, and dispositions necessary to practice an ethically informed and self-reflective philosophy, participate effectively in institutional change, and develop respectful relationships with students, families, communities and colleagues.
- **Culturally Responsive Practice and Social Justice:** Understand and apply practices that promote respect, inclusion and equity in

teaching, learning, and student development based on social identity markers including, but not limited to, race, gender, class, sexual orientation, disability, language, religion, culture, national origin, epistemology, and family life.

- **Democratic Citizenship and Student Advocacy:** Respect education as a human right and a foundation to active inclusion and participation in public life and aspire to be agents of change in response to persistent barriers to equal educational opportunity.

## Early Childhood/Childhood Education (B-6) Coursework

The required coursework falls under three categories, listed below.

### A. Education Course Requirements

The sequence described below is for a full-time student; the program may be taken on a part-time basis, however.

#### Years One and Two

Code	Title	Credits
General Education requirements (see "C," below)		
Liberal Arts major (concentration) requirements (see "B," below)		
World Language 1 & 2 (also fulfills General Education)		
MAT140	Mathematics for Elementary School Teachers I	3
MAT240	Mathematics for Elementary School Teachers II	3
GEO202	Physical Geography	3
EDS340	Sociological and Philosophical Foundations of Education	3
EDS371	Child Psychology and Development	3
EED370	Race, Class, Gender, and Social Justice in Teaching	3
EED415	The Development of Symbolic Representation, Language, and Literacy	3
EED412	Preschool and Kindergarten Curriculum	3
EED371	Developmentally Appropriate Practices, Childhood	3

#### Year Three

Code	Title	Credits
General Education requirements		
Liberal Arts major (concentration) requirements		
EED375	Teaching Reading in the Elementary School I	3
EED301	Fieldwork I (Pre-K-2) (40 hours) <sup>1</sup>	1
SPE350	Creating Inclusive Elementary School Classrooms	3
EED380	Teaching Mathematics, Science and Technology in Elementary School	6
EED302	Fieldwork 2 (Math, Science & Technology Fieldwork) (20 hours)	1

#### Year Four

Code	Title	Credits
Liberal Arts major (concentration) requirements		
EED376	Teaching Reading/Language Arts in the Elementary School II	3
EED379	Teaching Social Studies in the Elementary School	3
EED303	Fieldwork Experience 3 (60 hours)	1

EED404	Student Teaching, Primary Setting <sup>2</sup>	6
EED405	Student Teaching, Intermediate Setting <sup>2</sup>	6
EED406	Student Teaching Seminar	1

- <sup>1</sup> All students are required to have a membership to the adopted assessment platform (Watermark). The cost of the membership is covered by a course fee that will be assessed when you register for EED301 Fieldwork I (Pre-K-2). Instructions for setting up your membership will be sent via email before the midpoint of the semester when you register for this class.

- <sup>2</sup> Students must complete all coursework prior to Student Teaching and must meet the following requirements: overall GPA of at least a 3.0; B- or better in required EED and SPE courses; at least 2.5 GPA in the concentration; satisfactory dispositions assessment; and "target" or "proficient" lesson/unit planning skills.

### B. Approved Liberal Arts Majors

Students must complete an approved academic major (concentration). Transfer courses for which credit has been given and which are comparable to courses meeting major requirements or appropriate to an individualized major may be acceptable under advisement.

#### Majors for Early Childhood & Childhood Education (B-6) Students

The concentrations (majors) for Early Childhood & Childhood Education students are in direct accord with New York State Learning Standards.

These majors provide depth in a content area and a coherent sequence of courses with increased expectations of student performance. The courses are available to students in other programs of study as well as students in the Early Childhood & Childhood Education program.

#### Art History (B-6)

30 credits

Code	Title	Credits
<b>Required Courses (24 Credits)</b>		
ARH201	Art of the Western World I	3
ARH202	Art of the Western World II	3
ARH358	Modern Art, 1900-1970	3
ARH382	American Art	3
or ARH420	Art of the Hudson Valley	
ARS105	Intro to Studio Art	3
Select one of the following:		3
ARS110	Introduction to Ceramics	
ARS120	Introduction to Metal	
ARS170	Introduction to Sculpture	
Select two courses in Asian Art of the following:		6
ARH210	Images and Ideas Asian Art	
ARH340	The Arts of Early China	
ARH341	The Arts of Later China	
ARH342	The Arts of Japan	
ARH343	Japanese Arts of the Edo Period	
ARH344	History of Buddhist Art	
ARH345	Art in Modern China	
ARH378	Sacred Spaces, Divine Images	
ARH452	Chinese Painting: Figure in Landscape	

#### Art History Electives (6 Credits)

Select 6 credits	6
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<b>Total Credits</b>	<b>30</b>
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**Biology (B-6)**

29-31 credits

Code	Title	Credits
<b>Required Courses (23 Credits)</b>		
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab	4
BIO320 & BIO321	Genetics and Genetics Lab	4
BIO340	Ecology	4
BIO305 or BIO307	Plant Morphology Comparative Vertebrate Anatomy	4
Select one of the following:		3
BIO301	Field Biology Fall	
BIO412	Evolutionary Theory	
BIO418	Animal Behavior	

**Electives (6-8 Credits)**

Two (2) upper-division Biology electives	6-8
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<b>Total Credits</b>	<b>29-31</b>
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**Black Studies (B-6)**

30 credits

Code	Title	Credits
<b>Required Courses (12 Credits)</b>		
BLK100	Intro To Black Studies	3
BLK357	Psychology of the Black Child	3
BLK370	Education in the Black Community	3
BLK396	Black English: Language and Culture	3

**Focus (18 Credits)**

Each major is required to develop a focus by completing six courses from either the Historical Core or Language Arts Core	18
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**Historical Core:**

BLK200	Introduction To Africa	
BLK201	Black History I	
BLK202	Black History II	
BLK231	Development of Afro-Latin Amer. Civilization (1492-1825)	
BLK232	Contemporary Afro-Latin American Civilization Since 1825	
BLK301	Survey of Pre-Colonial Africa to 1800	
BLK302	Survey of Contemporary Africa: Nineteenth Cent to Present	
BLK309	Introduction to Afro-Brazilian History	
BLK311	Blacks in the Caribbean, 1492-Present	
BLK325	History of Slavery in the Americas	
BLK331	The American Civil Rights Movement	
BLK347	History of South Africa	
BLK369	History of Terrorism Against Blacks and Native Americans	

BLK401	Blacks in New York History	
BLK450	The Portuguese in Africa	
BLK460	West African Kingdoms in the Nineteenth Century	
BLK522	African/African-American History & Experiences	

**Language Arts Core:**

BLK268	Survey of Black American Literature	
BLK269	Black Poetry and Drama	
BLK272	Rap and Spoken Word	
BLK310	Blacks and the Media	
BLK315	Black and Latino Child Lit	
BLK320	Contemporary Black American Literature	
BLK323	Black Poetry	
BLK328	Black Drama in America	
BLK333	Black Rhetoric	
BLK412	Critical Analysis of Black American Literature	
BLK415	Recurrent Themes in Black Literature	
BLK510	Contemporary Black Women's Literature	

<b>Total Credits</b>	<b>30</b>
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**Earth Science (Geology) (B-6)**

34-35 credits

Code	Title	Credits
<b>Cognate Courses (7 Credits)</b>		
PHY205 or PHY206	Exploring the Solar System Exploring the Universe	3
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
<b>Geology Courses (27-28 Credits)</b>		
GLG120	Weather and Environment	4
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	4
GLG202	Historical Geology	4
GLG305	Paleontology	4
GLG311	Mineralogy and Crystallography	4
GLG331	Stratigraphy-Sedimentation	4
One 300-level geology course by advisement		3-4

<b>Total Credits</b>	<b>34-35</b>
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**English (B-6)**

31-33 credits

- At least one-half of your courses for the English major must be completed at New Paltz.
- Credits for Composition courses ([ENG160](#) Composition I, [ENG170](#) Writing and Rhetoric, [ENG180](#) Composition II, [ENG206](#) Advanced Writing and Rhetoric, [ENG207](#) Intermediate Composition) are not included in the major requirement.
- Courses taken S\*/U\* or graded below C- cannot be counted toward the major.
- Students who transfer 3-credit English courses considered equivalent to 4-credit English courses at New Paltz may need to take additional English electives to make up missing credits. All Childhood & Early Childhood Education students majoring in English must complete at least 31 credits.

Code	Title	Credits
<b>Literature Requirement (12 Credits)</b>		
ENG303	Introduction to British Literature	4
ENG333	Introduction to American Literature	4
ENG353	Multiethnic and Diasporic Literature	4
or ENG453	The Craft of Poetry	
<b>Writing Requirement (12-13 Credits)</b>		
Select four of the following:		12-13
ENG224	Expository Writing	
ENG226	Practical Grammar	
ENG300	Seminar in Critical Practices	
ENG345	Creative Writing Workshop I	
ENG385	Theories of Writing	
LIN201	Intro To Linguistics	
<b>Elective Courses (7-8 Credits)</b>		
Select one of the following upper-division courses in literature before 1800 <sup>1</sup>		3-4
ENG355	The Bible	
ENG356	Greek and Roman Literature	
ENG404	Medieval Literature	
ENG405	Elizabethan Literature	
ENG406	Shakespeare I: Selected Works	
ENG407	Shakespeare II: Selected Works	
ENG408	Seventeenth-Century Literature	
ENG413	Eighteenth-Century English Literature	
ENG414	The Rise of the Novel	
ENG435	Early American Literature	
ENG470	Major Authors (if appropriate)	
ENG493	English Selected Topics (if appropriate)	
Select one 400-level course in English <sup>2</sup>		4
<b>Total Credits</b>		<b>31-33</b>

<sup>1</sup> Note that [ENG303](#) Introduction to British Literature is a prerequisite for most of these courses.

<sup>2</sup> Excluding [ENG420](#) Literary Criticism, [ENG423](#) Contemporary Literary Theory, [ENG445](#) Creative Writing Workshop II, [ENG448](#) Writing the Novel, [ENG451](#) Senior Seminar, [ENG452](#) The Craft of Fiction, [ENG453](#) The Craft of Poetry, [ENG454](#) The Craft of Creative Non Fiction, [ENG455](#) The Craft of Dramatic Writing.

### French (B-6)

30 credits

Code	Title	Credits
<b>Required Courses (30 Credits)</b>		
FRN202	Intermediate French II <sup>1</sup>	3
FRN301	Communication & Writing in French	4
FRN302	Communication & Culture in French	4
FRN319	French Civilization	4
FRN320	Francophone Cultures	4
FRN375	French Literature before 1800	4
FRN376	Frnch/Franc Lit Aft 1800	4

FRN3xx/4xx	Upper-division French elective	3
<b>Total Credits</b>		<b>30</b>

<sup>1</sup> French Placement Level 3 or successful completion of basic language courses [FRN101](#) Elementary French I, [FRN102](#) Elementary French II and [FRN201](#) Intermediate French I is required to advance to [FRN202](#) Intermediate French II.

### Geography (B-6)

31-33 credits

Code	Title	Credits
<b>Required Courses (10 Credits)</b>		
GEO201	Human Geography	3
GEO213	Economic Geography	3
GEO342	Digital Map Design	4

### Electives (21-23 Credits)

Each major candidate is required to complete, by advisement, seven 21-23 courses in geography selected from systematic and/or regional courses, at least five of which shall be at the 300-level or above.

<b>Total Credits</b>		<b>31-33</b>
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### History (B-6)

30-34 credits

- You must have eighteen (18) upper-division credits from this plan of study.
- All majors are required to write a 2-3 page "exit essay" as a requirement of graduation.
- Grades below C- do not count toward the major.
- All majors must take, with the approval of the adviser, at least one course 'pre-1500' and at least one course 'post-1500.'
- It is expected that at least one course will focus on race, gender, and ethnicity.

Code	Title	Credits
<b>Required Courses (30-34 Credits)</b>		
I. United States History:		
Select two (2) courses		6-8
II. World History:		
Select four (4) courses <sup>1</sup>		12-14
III. New York State:		
Select one of the following:		3
HIS303	The Empire State	
HIS308	Indians of New York State	
HIS325	History of New York City	
HIS461	Hudson Valley Culture	
Or alternative by advisement		
IV. Upper-Division History Electives:		
Select three (3) courses		9
<b>Total Credits</b>		<b>30-34</b>

<sup>1</sup> You must take courses in at least two (2) geographic areas of the world outside of the United States - that is, Africa, Asia, Europe, South America, and the Caribbean.



**Mathematics (B-6)**

32-34 credits

Code	Title	Credits
<b>Required Courses (29-30 Credits)</b>		
MAT140	Mathematics for Elementary School Teachers I	3
MAT240	Mathematics for Elementary School Teachers II	3
MAT241	Introduction to Statistics	3
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT260	Introduction to Proof	3
MAT331	Axiomatic Geometry	3
MAT304	Foundations of Algebra	3
CPS104	Visual Programming	3-4
or CPS210	Computer Science I: Foundations	
<b>Upper-Division Mathematics Elective (3-4 Credits)</b>		
Select 3-4 credits		3-4
<b>Total Credits</b>		<b>32-34</b>

**Political Science (B-6)**

36 credits

Code	Title	Credits
<b>Required Courses (12 Credits)</b>		
POL216	American Govt and Politics	4
POL227	Intro International Politics	4
POL229	Intro to Comparative Politics	4
<b>Upper-Division Electives (24 Credits)</b>		
Select 24 credits <sup>1</sup>		24
<b>Total Credits</b>		<b>36</b>

<sup>1</sup> No more than six credits of [POL480](#) Government Internship may be credited toward the upper-division electives.

**Spanish (B-6)**

31 credits

Code	Title	Credits
<b>Required Courses (31 Credits)</b>		
SPA202	Intermediate Spanish 2 <sup>1</sup>	4
SPA301	Communication and Culture in Spanish <sup>2</sup>	4
SPA361	Communication and Writing in Spanish <sup>2</sup>	4
SPA365	The Culture and Civilization of Spain	4
SPA372	Culture of Latin America	4
SPA375	Survey of Spanish Literature	4
SPA376	Survey of Latin American Literature	4
Select one of the following:		3
SPA363	Spanish Phonetics and Oral Practice	
SPA461	Advanced Spanish Composition	
SPA4xx	Spanish elective	
<b>Total Credits</b>		<b>31</b>

<sup>1</sup> Spanish Placement Level 3 or successful completion of basic language courses [SPA101](#) Elementary Spanish 1, [SPA102](#) Elementary Spanish 2 and [SPA201](#) Intermediate Spanish 1 is required to advance to [SPA202](#) Intermediate Spanish 2.

<sup>2</sup> Students whose home language is Spanish may substitute [SPA315](#) Spanish for Native Speakers for *either* [SPA301](#) Communication and Culture in Spanish *or* [SPA361](#) Communication and Writing in Spanish.

**C. General Education Requirement**

Early Childhood & Childhood Education students take selected course work under advisement to meet SUNY New Paltz's General Education requirement. Some General Education courses also fulfill prerequisites of the Early Childhood & Childhood Education program. See the Education Advisor (OM 115) to ensure that all curricular requirements are met.

**Additional Requirements****Assessment Platform**

All students are required to have a membership to the adopted assessment platform (Watermark). The cost of the membership is covered by a course fee that will be assessed when you register for [EED301](#) Fieldwork I (Pre-K-2). Instructions for setting up your membership will be sent via email before the midpoint of the semester when you register for this class.

**Child Protection Policy**

The SUNY system-wide Child Protection Policy sets protocols and mandates for campuses to follow when SUNY has children in its care, custody, and control. To learn more about the CPP and its training modules, visit the [School of Education homepage](#).

**Fingerprinting**

All teacher candidates must be fingerprinted through MorphoTrust upon acceptance into an education degree program <sup>1</sup>. We recommend that you complete this State-mandated process as soon as possible after you are admitted to the program. First, self-register to create a [TEACH Login Account](#), then [make an appointment through Identogo](#).

For detailed information about fingerprinting, see the [School of Education's certification guidance](#). In addition, NYSED publishes [Fingerprint Frequently Asked Questions \(FAQs\)](#).

**Specialized Training and Workshops**

In addition to required coursework in education and a liberal arts major, specialized training and workshops are required for all New York State educator-preparation programs leading to an Initial Certificate. A [summary of requirements for teacher certification in New York State](#) is available on NYSED's Office of Teaching Initiatives' website. For guidance specific to New Paltz, see [Education Program & Certification Advisor](#) on the School of Education website.

You are advised to complete the following State-mandated workshops prior to your fieldwork placements.

- **Child Abuse Identification Workshop:** All candidates for teacher certification will complete a State-mandated two-hour training lecture on recognizing and reporting child abuse or neglect. Group sessions will be provided on campus, or students may take the training from social service agencies, community colleges, or BOCES. This is not a credit course and evidence of training must be documented on candidates' transcripts.
- **Dignity for All Students Act (DASA) Training:** All students will complete a six-hour training in the prevention of bullying and harassment. Training is provided periodically on campus or may be taken through

BOCES or another approved provider. This is not a credit course and evidence of training must be documented on students' transcripts.

- *Schools Against Violence in Education (SAVE) Act Training:* All students will complete a two-hour workshop in school violence prevention. Workshops are held periodically on campus or may be taken elsewhere through an approved provider. This is not a credit course and evidence of training must be documented on students' transcripts.
- *Training in Health & Safety Education:* This 0-credit online training (ED1095 Training in Health & Safety Education) includes topics mandated by New York State Education Law for teacher candidates. The four video modules provide information on the means for instructing students for the purpose of preventing alcohol, tobacco, and other drug abuse (Education Law section 804); instructing students in fire and arson prevention (Education Law section 808); providing safety education as it pertains to highway safety, traffic regulations, and bicycle safety (Education Law section 806); and instructing students for preventing child abduction (Education Law section 803-a).

## Student Teaching

Student teaching is a capstone experience for all undergraduate elementary and secondary teacher candidates seeking a bachelor's degree. It is a full-time commitment extending for an entire semester with placements in two different settings. As such, the School of Education requires that all required coursework is completed *before* the capstone experience begins, and it restricts elementary teacher candidates from taking any other course(s) while registered for student teaching except the co-requisite EED406 Student Teaching Seminar.

Students are responsible for their own transportation to field and student-teaching placements and must be prepared to commute up to 45 miles, one way, to these placements.

For more information about student teaching requirements, see Education Program & Certification Advisor and Office of Field Experiences on the School of Education website.

## New York State Certification Examinations

- Educating All Students Test (EAS)
- Content Specialty Test(s) (CST) in the area of certification

See New York State Teacher Certification Examinations - Tests.

<sup>1</sup> New Paltz education programs require an internship, field experience, study abroad component, or clinical experience. Students who have previously been convicted of a felony are advised that their prior criminal history may impede their ability to complete the requirements of certain academic programs and/or to meet licensure requirements for certain professions. If applicants have concerns about this matter (or any past legal or background history), please contact the Dean's Office of the intended academic program.

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## Early Childhood Studies (non-certification)

**Phone:** (845) 257-2860

**Location:** OM 115

**Web address:** [www.newpaltz.edu/elementaryed](http://www.newpaltz.edu/elementaryed)

The Early Childhood Studies non-certification program blends theoretical and pedagogical content with practical experience, providing students with multiple opportunities to apply foundational knowledge within a variety of educational contexts where young children (infant through age 8) play and learn outside the public school classroom.

Classes explore early childhood pedagogy and practice, curriculum development and design, research and policy to prepare students to work in such alternative learning environments as daycare settings, after-school and tutoring programs, and programs for young children, parents and caregivers in museums, hospitals and community organizations. Multiple fieldwork experiences and an 80-hour internship provide opportunities for students to apply course content in settings that align with students' interests and career goals.

As with all School of Education programs, Early Childhood Studies offers:

- high-quality instruction from dedicated, passionate faculty;
- courses that reflect current research in such areas as play, early childhood development, social and emotional learning, curriculum development, and language and literacy development;
- clinically rich preparation that emphasizes a balanced and interdisciplinary approach to teaching and learning;
- a commitment to preparing caring, critical, and reflective professionals.

Successful completion of the Early Childhood Studies program leads to a Bachelor of Science (BS) degree without recommendation for the issuance of a New York State teacher certificate.

### Notice to Persons Who Have Prior Felony Convictions

State University of New York (SUNY) policy prohibits SUNY New Paltz admission applications from inquiring into an applicant's prior criminal history. Students who have previously been convicted of a felony are advised that their prior criminal history may impede their ability to

complete the requirements of certain academic programs and/or to meet the licensure requirements for certain professions, including the program in Early Childhood Studies.

Individuals with prior criminal histories are advised to seek advice and guidance from the chair of the academic department regarding the impact of a criminal record on meeting the requirements of the major/professional licensure or certification prior to declaring the major.

## Admission Requirements

- Students may declare a major in Early Childhood Studies during their first year. Those who enter the program at a later point may need more than eight semesters to graduate.
- Students must choose an academic concentration, some of which have their own entrance criteria.
- Students must meet the following requirements to continue in the program:
  - 3.0 GPA overall; 2.5 GPA in academic concentration
  - 4-7 credits in Writing and Rhetoric (1-2 composition courses) with a grade of "B" or better; minimum "B-" or "S" for required EED and SPE courses; minimum "C" for required foundation courses ([EDS340](#) Sociological and Philosophical Foundations of Education, [EDS371](#) Child Psychology and Development, [MAT140](#) Mathematics for Elementary School Teachers I, [MAT240](#) Mathematics for Elementary School Teachers II, [GEO202](#) Physical Geography, world language)
  - 30 hours of independent fieldwork (classroom observations; paid or volunteer work with children in schools, camps, daycare centers; coaching, tutoring, etc.)
  - Passing score on writing sample (to be evaluated by Early Childhood Studies faculty for organization and appropriate English grammar and usage).

## Early Childhood Studies (BS, non-certification) Program Learning Outcomes

Candidates who successfully complete all required components of the Early Childhood Studies (non-certification) program will know and be able to demonstrate:

- **Critical Thinking and Intellectual Development:** Identify, analyze, and evaluate different methods of planning, assessing, and teaching in order to develop well-reasoned arguments that support pedagogical decisions. Also demonstrate appropriate level of proficiency in written and oral communication, critical thinking and analytical mathematical and scientific reasoning.
- **Content Knowledge:** Demonstrate an awareness and understanding of early childhood education in its multiple forms and settings, including the teaching profession, articulate a developing philosophy of education that incorporates an understanding of relevant theories and models of education and mastery of knowledge and skills in a chosen content area of academic concentration.
- **Planning:** Plan lessons and activities in early childhood education that are standards-based, clear and organized, rely upon a variety of developmentally appropriate instructional strategies and appropriate technologies, differentiate instruction in ways that provide opportunities to promote appreciation of diversity, tolerance, and inclusion in safe, democratic, and equitable learning environments.

- **Assessment and B-2 Learning:** Select, design, and implement authentic and appropriate formative and summative assessments to evaluate student learning, consider assessment data when making instructional decisions, and identify effective or problematic teaching and educational moments as they are occurring in order to facilitate student growth in specified content, cognitive skills, and/or social-emotional skills.
- **Fieldwork:** Successfully complete three fieldwork placements, a minimum of 80 hours and aligned with appropriate courses, in preparation for a fieldwork internship in an appropriate early childhood setting for a minimum of 8 weeks (the program's capstone practicum experience).
- **Pedagogical Practice:** Demonstrate the ability to maximize student learning by incorporating content and pedagogical content knowledge, appropriate and effective technology, and a variety of developmentally and contextually appropriate evidence-based instructional strategies to make learning meaningful for students.
- **Information Literacy:** Use technology and basic research techniques in order to locate, evaluate, and synthesize best-practices concepts in content knowledge, planning, assessment, and pedagogical practice.
- **Professional Skills and Dispositions:** Exhibit the knowledge, skills, and dispositions necessary to practice an ethically informed and self-reflective philosophy, participate effectively in institutional change, and develop respectful relationships with students, families, communities and colleagues.
- **Culturally Responsive Practice and Social Justice:** Understand and apply practices that promote respect, inclusion and equity in teaching, learning, and student development based on social identity markers including, but not limited to, race, gender, class, sexual orientation, disability, language, religion, culture, national origin, epistemology, and family life.
- **Democratic Citizenship and Student Advocacy:** Respect education as a human right and a foundation to active inclusion and participation in public life and aspire to be agents of change in response to persistent barriers to equal educational opportunity.

## Early Childhood Studies Coursework

Like the Early Childhood/Childhood Education (B-2, 1-6) program, the non-certification Early Childhood Studies program requires successful completion of coursework in three categories:

### A. Education Course Requirements

Code	Title	Credits
The sequence described below is for a full-time student; however, the program may be completed on a part-time basis.		
<b>Years One and Two (57-60 Credits)</b>		
EDS340	Sociological and Philosophical Foundations of Education	3
EDS371	Child Psychology and Development	3
EDS376	Expressive Arts in Education	3
EDS494	Fieldwork in Educational Studies	3
EED301	Fieldwork I (Pre-K-2)	1
EED322	Play: The Roots of Learning for Young Children	3

EED345	Seminar in Early Childhood Studies	3
EED370	Race, Class, Gender, and Social Justice in Teaching	3
EED375	Teaching Reading in the Elementary School I	3
EED391	Field Experience Infants and Toddlers	1
EED411	Infant and Toddler Curriculum	3
EED412	Preschool and Kindergarten Curriculum	3
EED413	Curriculum III: First and Second Grades	3
EED414	Developmentally Appropriate Practices for Children Birth-Second Grade	3
EED415	The Development of Symbolic Representation, Language, and Literacy	3
EED485	Field Experience Preschool and Kindergarten	1
EED492	Research in Early Childhood Studies	3
SPE350	Creating Inclusive Elementary School Classrooms	3
MAT140	Mathematics for Elementary School Teachers I	3
MAT240	Mathematics for Elementary School Teachers II	3
LANxxx	World Language Requirement	3-6

### Total Credits

**57-60**

## B. Liberal Arts Content

The liberal arts concentrations (majors) available to Early Childhood Studies students are the same as those available to students in the Early Childhood & Childhood Education (B-6) program:

- Art History
- Biology
- Black Studies
- Earth Science (Geology)
- English
- French
- Geography
- History
- Mathematics
- Political Science
- Spanish

Please refer to [Early Childhood & Childhood Education](#) (p. 123) for the required coursework in each concentration.

## C. General Education Requirement

Early Childhood Studies students take selected course work by advisement to meet General Education requirements while also satisfying Early Childhood Studies or concentration (major) requirements. See the Education Advisor (OM 115) to ensure that all curricular requirements are met.

## Faculty

See [Early Childhood & Childhood Education](#) (p. 121).

## Educational Studies

**Phone:** (845) 257-2830/31

**Location:** South Classroom Building 153

**Web address:** [www.newpaltz.edu/edstudies](http://www.newpaltz.edu/edstudies)

The Department of Educational Studies & Leadership offers psychological, sociological and philosophical foundations courses

required by educational programs within the School of Education and across campus. Through its Educational Foundations Unit, students take courses that address issues of social difference in education (class, race, gender, etc.); values as they arise in education; political issues dealing with policy, ideology, and decision-making in education; historical, social and cultural perspectives relating to educational issues; and the psychological dimensions of teaching and learning.

The Department does not offer an undergraduate degree program but contributes foundational courses to the College's bachelor's degree programs in Adolescence Education, Early Childhood & Childhood Education, and Early Childhood Studies. In addition, we offer an interdisciplinary minor in Social Justice Educational Studies.

For information about Master's degree and advanced certificate programs offered by the Department of Educational Studies & Leadership, please refer to the [Graduate Catalog](#).

- [Minor in Social Justice Educational Studies](#) (p. 130)

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## Minor in Social Justice Educational Studies

(18 credits)

- A minimum grade of C- is required for a course to count toward the minor.
- Only three (3) credits of Independent Study may be applied to the minor unless otherwise approved by the advisor or department chair.

Code	Title	Credits
<b>Required Courses (9 Credits)</b>		
EDS340	Sociological and Philosophical Foundations of Education	3
EDS380	Learning Beyond Classrooms	3
Select one of the following:		3
EDS371	Child Psychology and Development	
EDS372	Developing Adolescence (Required Courses)	
<b>Educational Studies Electives (6 Credits)</b>		
Select two of the following:		6
EDS367	Human Development	
EDS376	Expressive Arts in Education	
EDS377	Expressive Arts in Education 2	
EDS383	Introduction to Literacy for Diverse Learners	
EDS393	Educational Studies Selected Topic (by advisement)	
SED358	Education Across Borders	
SPE106	Multiple Voices: Diversity in US Education	
SPE142	Introduction to Disability Studies	
<b>Electives Outside of Education (3-4 Credits)</b>		
Select one of the following: <sup>1</sup>		3-4
ANT216	Language and Culture	
ASN300	Asian Americans	
BLK100	Intro To Black Studies	
BLK201	Black History I	
BLK272	Rap and Spoken Word	
BLK285	Introduction to African Psychology: A Cultural Approach	
BLK331	The American Civil Rights Movement	
BLK350	Contemporary Social Issues in the Black Community	
BLK355	The Black Family	
BLK357	Psychology of the Black Child	
BLK370	Education in the Black Community	
BLK420	Counseling Underrepresented Students	
GEO211	World Geography	
HIS309	Indians of the United States	
PHI211	Ancient Greek Philosophy	
PHI330	Chinese Philosophy	
PHI334	Indian Philosophy	



PSY372	Psychology of Women	
REL270	Religions of the World	
SOC220	Social Inequality in the United States	
SOC305	Juvenile Delinquency	
SOC381	Immigration & Identity	
SOC385	Education and Society	
WOM220	Introduction to Women's, Gender, & Sexuality Studies	
WOM325	Women and Popular Culture	
<b>Total Credits</b>		<b>18-19</b>

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<sup>1</sup> This is not an exhaustive list of acceptable electives. Courses that center subaltern voices or explore whiteness/white supremacy and those that focus on exploring the lives and history of historically underrepresented communities are potentially appropriate, with advisor permission.

## Special Education

**Phone:** (845) 257-2850

**Location:** Old Main Building, Room 323

**Web address:** [www.newpaltz.edu/schoolofed/teaching-learning.html](http://www.newpaltz.edu/schoolofed/teaching-learning.html)

The Special Education program is grounded in the belief that all individuals possess intellectual, social, emotional and physical strengths that enable them to function in and contribute to their families and society as a whole. Our graduate programs in special education prepare compassionate teachers to recognize these strengths in each and every student and to help all students develop to their greatest ability. We value the philosophy of inclusive education and emphasize a strength-based approach toward working with students with disabilities. Please consult the Graduate Catalog for more information about [master's degree programs in special education](#).

At the undergraduate level, Special Education courses are available to teacher-education students as well as students with more general interest in the discipline. See Course Descriptions for a complete list.

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## School of Fine & Performing Arts

The School of Fine & Performing Arts comprises nationally accredited programs in Art and Art Education, Art History, Music, and Theatre Arts. We are committed to providing a significant range of opportunities to research, study, create, produce, perform, and present ideas and issues of the arts, so that students can explore how aesthetic experiences offer particular insights and ways of communicating in and about the world.

Undergraduate studies prepare students for graduate work and employment in many dynamic cultural professions. Graduate studies prepare students for college and university teaching and other professional careers in the arts. The academic programs of the School are complemented throughout the year by public presentations, performances, and exhibitions of the Samuel Dorsky Museum of Art. National conferences and competitions, workshops and public lectures by distinguished visiting artists enrich the stimulating academic environment.

In addition to a broad range of academic majors and minors housed within the School of Fine & Performing Arts, we support three interdisciplinary minors:

- [Audio Engineering](#) (p. 141) is a collaborative program of the Departments of Theatre Arts, Music and Digital Media & Journalism (College of Liberal Arts & Sciences). The minor focuses on contemporary audio and music production and provides students with knowledge and skills that directly support their artistic work and/or career goals in theatre, music, and media production.
- The minor in [Digital Design & Fabrication](#) (p. 160) combines Fine & Performing Arts' expertise in design with the School of Science & Engineering's expertise in materials science to introduce students to design theory, aesthetics, 3D modeling skills, and the study of material properties and constraints, while applying analytical approaches to problem solving.
- [Film & Video Studies](#) (p. 72), coordinated through the Departments of Art History and Digital Media & Journalism, offers students an opportunity to read the art of cinema as cultural critics, while having the option to learn the basics of screenwriting and production.
- [Art](#) (p. 132)
- [Art Education](#) (p. 139)
- [Art History](#) (p. 140)
- [Audio Engineering](#) (p. 141)
- [Digital Design & Fabrication](#) (p. 160)
- [Film & Video Studies](#) (p. 72)
- [Music](#) (p. 142)
- [Theatre Arts](#) (p. 146)

## Art

**Phone:** (845) 257-3830

**Location:** Fine Arts Building, Room 225

**Web Address:** [www.newpaltz.edu/fpa/art/](http://www.newpaltz.edu/fpa/art/)

## Department Overview

For more than half a century, SUNY New Paltz has been celebrated for its professional art programs and its distinguished faculty of practicing artists and designers who help students pursue creative interests and prepare for careers in the various art disciplines. As a major educational

center for the visual arts and art education, the Department of Art at New Paltz embodies a community that values curiosity, scholarship, and imagination. A dynamic, response curriculum, productive artist/teachers, community engagement, and a highly regarded student-organized guest lecture program support these qualities and objectives. We strive to balance the mastery of specific professional skills and techniques with the ability to think, talk, and write about art.

## Admission Guidelines

### Freshman Applicants

Upon acceptance to the university, freshmen may declare Art as their major without submitting a portfolio. They are placed in the Bachelor of Science (B.S.) Visual Arts major or the Bachelor of Science (B.S.) Visual Arts Education pre-major, depending on their area of interest. After completing the Art Department's Foundations courses (typically one year), art majors will submit a portfolio of work for review by a faculty committee. In addition to evaluating artistic capabilities and the proficiency and promise of the work, students must meet departmental academic requirements<sup>1</sup> to continue in the program.

### Transfer Applicants

Transfer students must submit a portfolio along with their application to the university and meet departmental academic requirements as part of the admission process. Students are placed in the B.S. Visual Arts or the B.S. Visual Arts Education major, depending on their area of interest.

Early submission of the transfer portfolio is strongly encouraged. Up to 12 credits for the equivalent of New Paltz Foundation courses (ARS100 Drawing: Visual Thinking I, ARS101 Drawing: Visual Thinking II, ARS102 Design: Color, ARS103 Design: Form) will be accepted on the basis of transcript alone. Credit for other studio courses beyond the Foundation sequence (and appropriate placement in our course sequences) shall be determined by portfolio review.

The Department of Art also offers a Bachelor of Arts (B.A.) in Visual Arts. The B.A. degree plan requires more liberal-arts credits and fewer visual-arts credits than the B.S. plan and is often paired with a major in the School of Liberal Arts & Sciences as a double major.

## Admission to the Bachelor of Fine Arts Programs

Art majors seeking to focus their studies on Ceramics, Metal, Painting, Printmaking, Photography, or Sculpture<sup>2</sup> may wish to pursue a Bachelor of Fine Arts (B.F.A.) in any of these programs.

After completing the Foundation courses and basic studios in the medium, demonstrating artistic capabilities through a portfolio review, and meeting departmental academic requirements, Visual Arts majors and Visual Arts Education majors may apply to one of the above B.F.A. programs. Entrance is through portfolio and interview; the student applies directly to the specific program of interest.

For more information about admission requirements, please contact the Department of Art or visit [our admissions page](#). Note that applications for *fall admission* are due by May 1 and applications for *spring admission* are due by December 1.

<sup>1</sup> A minimum grade point average of 2.75 is required for admission to the art program; a minimum grade point average of 3.0 is required for admission to the art education program.

<sup>2</sup> The Graphic Design program, now housed in the Department of Design, also leads to the B.F.A. degree. For information about portfolio

requirements and other details, visit the [Graphic Design Admission](#) page.

- [Majors in Visual Arts \(BA, BS\)](#) (p. 134)
- [Majors in Fine Arts \(BFA\)](#) (p. 135)
- [Minor in Art Studio](#) (p. 139)
- [Digital Design & Fabrication](#) (p. 160)
- [Art Education Program](#) (p. 139)

## Faculty

See also [Art Education](#) (p. 139) Faculty

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<sup>1</sup> In summer 2023, a new Department of Design was created and is currently being implemented. The new unit will encompass the programs in Digital Design & Fabrication (undergraduate minor and M.A.) and Graphic Design (B.F.A.).

## Majors in Visual Arts (BA, BS)

Students who are accepted into the Department of Art are enrolled in the *Bachelor of Science (BS) in Visual Arts* degree program. This degree allows great flexibility in the studio arts because the student may choose to concentrate their studies in one particular studio or pursue an interdisciplinary path. The BS degree, which requires an academic minor, provides an abundant breadth of knowledge while allowing the student to develop skills in multiple mediums. The balance of art classes to liberal art classes provides a well-rounded undergraduate education.

The Department of Art also offers a *Bachelor of Arts (BA) in Visual Arts* degree that is frequently used by those with a double major (e.g., psychology and art, art history and art). In addition to the Foundation core courses, students in the BA degree complete five studio classes and requisite art history classes. The student may concentrate in an individual discipline or take a range of studio classes. The objective of this curriculum is to provide a broad-based liberal arts education with a fundamental understanding of studio art practice.

Upon completion of the art foundation core and basic studio classes in a particular medium, students in the BA or BS program may choose to apply to one of the *Bachelor of Fine Arts (BFA)* degree programs. Entrance into a BFA program is by portfolio and interview; the student applies directly to the specific program of interest. For more information, see [Majors in Fine Arts](#) (p. 135).

A minimum grade of C or better is required for all major courses and transfer courses. A minimum grade of C- or better is required for Art History courses.

## Bachelor of Science (BS) Program

54 credits, plus a required academic minor (15-24 credits)

Code	Title	Credits
<b>Required Foundation Courses (15 Credits)</b>		
ARS100	Drawing: Visual Thinking I	3
ARS101	Drawing: Visual Thinking II	3
ARS102	Design: Color	3
ARS103	Design: Form	3
ARS112	Art Seminar	3
<b>200/300/400-level Studio Courses (24 Credits)</b>		
Any combination of basic 200-level (maximum of three), 300-level, and 400-level ARS and/or DDF studio courses, by advisement. <sup>1</sup>		24
<b>Required Progress Review (0 Credits)</b>		
To be completed twice (junior year and senior year)		
ARS365	Work in Progress Review	0
<b>Required Cognate Courses (12 Credits)</b>		
ARH201	Art of the Western World I	3
ARH202	Art of the Western World II	3
Any two (2) upper-division art history or art theory courses, by advisement		6
<b>Capstone Course (3 Credits)</b>		
ARS491	Creative Art Projects: BA/BS	3
<b>Total Credits</b>		<b>54</b>

Code	Title	Credits
<b>Requirement outside the major (15-24 Credits)</b>		
An academic minor of the student's choice		15-24

<sup>1</sup> The 200-level course prerequisite must be met before any 300- or 400-level course may be taken. Students are urged to obtain early advice on course selection in order to organize an individual program in the best possible way.

## Bachelor of Arts (BA) Program

48 credits

Code	Title	Credits
<b>Required Foundation Courses (15 Credits)</b>		
ARS100	Drawing: Visual Thinking I	3
ARS101	Drawing: Visual Thinking II	3
ARS102	Design: Color	3
ARS103	Design: Form	3
ARS112	Art Seminar	3
<b>200/300-level Studio Courses (15 Credits)</b>		
A combination of basic 200-level studio courses plus 300-level studio courses. <sup>1</sup>		15
<b>Required Cognate Courses (15 Credits)</b>		
ARH201	Art of the Western World I	3
ARH202	Art of the Western World II	3
Any three (3) upper-division art history or art theory courses, by advisement		9
<b>Capstone Course (3 Credits)</b>		
ARS491	Creative Art Projects: BA/BS	3
<b>Total Credits</b>		<b>48</b>

<sup>1</sup> The 200-level prerequisite must be met before any 300-level course may be taken.

## Visual Arts (BA, BS) Program Learning Outcomes

By the time they graduate, Visual Arts majors will be able to:

- Expand knowledge of diverse histories and contemporary practices in studio art, design, and art education.
- Demonstrate—in written, visual, and oral forms—an understanding of a work of art or design, in terms of its social, political, cultural, aesthetic and historical context.
- Develop and articulate self-reflective practices as artists, designers, teachers, and citizens.
- Create collaboration and engagement with local and global art, design, and learning communities.
- Build professional networks to support lifelong learning and sustainable practices.

## Majors in Fine Arts (BFA)

Upon completion of the art foundation core and basic studio classes in a particular medium, students in the BA or BS program may choose to apply to one of the Bachelor of Fine Arts (BFA) degree programs. Entrance into a BFA program is by portfolio and interview; the student applies directly to the specific program of interest. BFA reviews are held in each studio option near the conclusion of each semester. Programs include the following:

- [Ceramics](#) (p. 135)
- [Graphic Design](#) (p. 136)
- [Metal](#) (p. 136)

- [Painting](#) (p. 137)
- [Photography](#) (p. 137)
- [Printmaking](#) (p. 138)
- [Sculpture](#) (p. 138)

For all BFA programs except Graphic Design, a minimum grade of C or better is required for all major courses and transfer courses. Some prerequisite Graphic Design studios require a minimum grade of B-. A minimum grade of C- is required for Art History courses.

## Fine Arts (BFA) Program Learning Outcomes

By the time they graduate, Fine Arts majors will be able to:

- Expand knowledge of diverse histories and contemporary practices in studio art, design, and art education.
- Demonstrate—in written, visual, and oral forms—an understanding of a work of art or design, in terms of its social, political, cultural, aesthetic and historical context.
- Develop and articulate self-reflective practices as artists, designers, teachers, and citizens.
- Create collaboration and engagement with local and global art, design, and learning communities.
- Build professional networks to support lifelong learning and sustainable practices.

## Ceramics

(81 credits)

The Ceramics program provides a dynamic environment for the artistic growth and development of the student through a thoughtful and challenging inquiry of both materials and meaning. Faculty are distinguished studio professionals who offer an extensive curriculum in all aspects of ceramics and work with students to help inspire their own unique expression. Spacious, well-equipped studios provide excellent facilities for fabrication, glazing, and all methods of firing. Frequent trips to museums, artists' studios, historical and industrial sites complement the curriculum.

Code	Title	Credits
<b>Required Foundation Courses (15 Credits)</b>		
ARS100	Drawing: Visual Thinking I	3
ARS101	Drawing: Visual Thinking II	3
ARS102	Design: Color	3
ARS103	Design: Form	3
ARS112	Art Seminar	3
<b>Art History Courses (12 Credits)</b>		
ARH201	Art of the Western World I	3
ARH202	Art of the Western World II	3
Select two of the following:		6
ARH358	Modern Art, 1900-1970	



ARH359	Contemporary Art, 1970 to the Present	
ARH369	History of Modern Design	
ARH375	History of Decorative Arts	
<b>Required Ceramics Courses (36 Credits)</b>		
ARS210	Basic Ceramics <sup>1</sup>	3
DDF205	Computer Aided Design I	3
ARS314	Ceramic Materials <sup>1</sup>	3
ARS318	Ceramic Sculpture <sup>2</sup>	3
ARS325	Ceramics Processes and Techniques I <sup>2</sup>	3
ARS327	Ceramics Processes and Techniques II <sup>2</sup>	3
ARS330	Wheel Throwing I <sup>2</sup>	3
ARS336	Wheel Throwing II	3
ARS414	Ceramics Seminar	3
ARS416	Ceramic Design and Product Laboratory <sup>2</sup>	3
ARS411	Senior Studio in Ceramics I	3
ARS412	Senior Studio in Ceramics II	3
<b>Required Cognate Courses (6 Credits)</b>		
Any 200- or 300-level studio course, 2-dimensional		3
Any 200- or 300-level ARS or DDF studio course, 3-dimensional		3
<b>Studio Electives (9 Credits)</b>		
Select three ARS and/or DDF courses.		9
<b>Required Senior Seminar (3 Credits)</b>		
ARS490	BFA Seminar (writing intensive)	3
<b>Total Credits</b>		<b>81</b>

<sup>1</sup> May not be repeated for credit.<sup>2</sup> May be repeated for credit.

## Graphic Design

(81 credits)

The Graphic Design program offers courses that range from the historically based to the technologically advanced. Emphasis is placed on the exploration of how visual communications are accomplished, through discussions of communication theory and contemporary practice. Facilities include state-of-the art computer labs, with high-resolution printers, scanners, and a high-speed Internet connection, as well as a letterpress type lab and generous studio space for majors. Graduates go on to successful careers in many areas of design, including web design, multimedia interactive design, and publishing.

Code	Title	Credits
<b>Required Foundation Courses (12 Credits)</b>		
ARS100	Drawing: Visual Thinking I	3
ARS101	Drawing: Visual Thinking II	3
ARS103	Design: Form	3
ARS113	Designed World	3
<b>Art History Courses (12 Credits)</b>		
ARH201	Art of the Western World I	3
ARH202	Art of the Western World II	3
Select two of the following:		6
ARH358	Modern Art, 1900-1970	
ARH359	Contemporary Art, 1970 to the Present	

ARH3xx/ ARH4xx	Art History elective	
<b>Required Graphic Design Courses (45 Credits)</b>		
ARS205	Graphic Design	3
ARS306	Visible Systems	3
ARS307	Typography	3
ARS308	Type & Image	3
ARS309	Printed Books	3
ARS310	Visual Language I	3
ARS329	Design Research	3
ARS335	Design for the Web	3
ARS404	Graphic Design Application <sup>1</sup>	3
ARS405	Design Theory and Criticism	3
ARS406	Interaction Design	3
ARS407	Graphic Design Thesis I <sup>1</sup>	3
ARS408	Graphic Design Thesis II <sup>1</sup>	3
Select two of the following:		6
ARS371	Data Visualization	
ARS401	Motion Design	
ARS402	Design for Web II	
<b>Required Cognate Course (3 Credits)</b>		
ARS230	Basic Digital Photography	3
<b>Studio Electives (9 Credits)</b>		
Select three ARS and/or DDF courses.		9
<b>Total Credits</b>		<b>81</b>

<sup>1</sup> ARS404, ARS407 and ARS408 comprise a capstone experience for Graphic Design majors. ARS407 is writing intensive.

## Metal

(81 credits)

An outstanding faculty of metal artists train future practitioners in an extremely comprehensive program of study. Specific courses are offered in construction and fabrication, enameling, and metal forming as well as contemporary issues in metalwork. Unusually well-equipped studios provide complete facilities for practice in most techniques and formats associated with the discipline. Instruction is supplemented by frequent trips to galleries, museums, artists' studios and workshops. Emphasis in each class is placed on the balance of creative exploration and technical control.

Code	Title	Credits
<b>Required Foundation Courses (15 Credits)</b>		
ARS100	Drawing: Visual Thinking I	3
ARS101	Drawing: Visual Thinking II	3
ARS102	Design: Color	3
ARS103	Design: Form	3
ARS112	Art Seminar	3
<b>Art History Courses (12 Credits)</b>		
ARH201	Art of the Western World I	3
ARH202	Art of the Western World II	3
Select two of the following:		6

ARH3xx/ ARH4xx	Art History electives	
<b>Required Metal Courses (27 Credits)</b>		
ARS220	Basic Metal	3
ARS321	Construction and Fabrication	3
ARS322	Processes and Experimental Techniques I	3
ARS323	Processes and Experimental Techniques II	3
ARS324	Enameling	3
ARS326	Metal Forming	3
ARS420	Contemporary Ideas in Metal	3
ARS421	Senior Studio in Metal I	3
ARS422	Senior Studio in Metal II	3
<b>Required Cognate Courses (9 Credits)</b>		
DDF205	Computer Aided Design I	3
Select any two 200- or 300-level studio courses outside of Metal.		6
<b>Studio Electives (15 Credits)</b>		
Select five ARS and/or DDF courses.		15
<b>Required Senior Seminar (3 Credits)</b>		
ARS490	BFA Seminar (writing intensive)	3
<b>Total Credits</b>		<b>81</b>

## Painting

(81 credits)

Professional painters, representing varied stylistic approaches, work closely with students in encouraging them to explore the many possibilities for image development offered by different media techniques and conceptual processes. Students work with oils, acrylics, and watercolor as well as a full range of drawing media. Senior BFA students are provided with private studio spaces. The proximity of New York City affords ready access to galleries, museums, and artists' studios.

Code	Title	Credits
<b>Required Foundation Courses (15 Credits)</b>		
ARS100	Drawing: Visual Thinking I	3
ARS101	Drawing: Visual Thinking II	3
ARS102	Design: Color	3
ARS103	Design: Form	3
ARS112	Art Seminar	3
<b>Art History Courses (12 Credits)</b>		
ARH201	Art of the Western World I	3
ARH202	Art of the Western World II	3
Select two of the following:		6
ARH358	Modern Art, 1900-1970	
ARH359	Contemporary Art, 1970 to the Present	
ARH3xx/ ARH4xx	Art History elective	
<b>Required Painting Courses (33 Credits)</b>		
ARS240	Basic Painting	3
ARS301	Thematic Drawing	3
ARS303	Figure Drawing	3
ARS305	Advanced Drawing	3
ARS305 or ARS400	Advanced Drawing Drawing Projects	3

ARS343	Intermediate Painting	3
ARS345	Advanced Painting	3
ARS403	Contemporary Ideas in Painting	3
ARS441	Senior Studio in Painting I	3
ARS442	Senior Studio in Painting II	3
Select one of the following:		3
ARS343	Intermediate Painting	
ARS344	Water Media/Collage	
ARS345	Advanced Painting	
<b>Required Cognate Courses (6 Credits)</b>		
Select any 200- or 300-level studio course, 2-dimensional (outside of Painting/Drawing)		3
Select any 200- or 300-level studio course, 3-dimensional		3
<b>Studio Electives (12 Credits)</b>		
Select four ARS and/or DDF courses.		12
<b>Required Senior Seminar (3 Credits)</b>		
ARS490	BFA Seminar (writing intensive)	3
<b>Total Credits</b>		<b>81</b>

## Photography

(81 credits)

Professional skilled fine arts photographers help students to explore various aspects of this popular discipline, including manipulative, experimental, mixed media, and digital photographic techniques. Students are encouraged to develop a personally expressive imagery within the context of technical proficiency and control. Laboratories for general developing, printing, color printing, and mixed media processes are provided. The program is oriented toward photography as a fine art, as well as commercial applications of photography.

Code	Title	Credits
<b>Required Foundation Courses (15 Credits)</b>		
ARS100	Drawing: Visual Thinking I	3
ARS101	Drawing: Visual Thinking II	3
ARS102	Design: Color	3
ARS103	Design: Form	3
ARS112	Art Seminar	3
<b>Art History Courses (12 Credits)</b>		
ARH201	Art of the Western World I	3
ARH202	Art of the Western World II	3
ARH358 or ARH359	Modern Art, 1900-1970 Contemporary Art, 1970 to the Present	3
ARH368	History of Photography	3
<b>Required Photography Courses (33 Credits)</b>		
ARS230	Basic Digital Photography <sup>1</sup>	3
ARS250	Basic Analog Photography <sup>1</sup>	3
ARS331	Image in Context <sup>2</sup>	3
ARS332	The Large Format Image <sup>2</sup>	3
ARS333	Advanced Digital Color Photography <sup>3</sup>	3
ARS334	Digital Video <sup>2</sup>	3
ARS350	The Constructed Image <sup>2</sup>	3
ARS450	The Document <sup>2</sup>	3
ARS451	Contemporary Ideas in Photography <sup>2</sup>	3

ARS452	Senior Studio in Photography I	3
ARS453	Senior Studio in Photography II	3
<b>Required Cognate Courses (6 Credits)</b>		
ARS280	Basic Printmaking	3
ARS307	Typography	3
<b>Studio Electives (12 Credits)</b>		
Select four ARS and/or DDF courses.		12
<b>Required Senior Seminar (3 Credits)</b>		
ARS490	BFA Seminar (writing intensive)	3
<b>Total Credits</b>		<b>81</b>

<sup>1</sup> May not be repeated for credit.<sup>2</sup> May be repeated for credit.<sup>3</sup> May be repeated with permission of instructor.

## Printmaking

(81 credits)

Spacious studios, equipped with lithograph and etching presses, silk screens, copy camera, enlarger, and computers offer printmaking students excellent facilities for the development of artistic and technical skills. Highly respected artist-teachers work closely with students, encouraging them to evolve mature styles within the context of professional practice. Specific courses involve experience in lithography, serigraphy, intaglio, and relief. Advanced students may study full-color printing and photo printing as well as mixed media and interdisciplinary projects.

Code	Title	Credits
<b>Required Foundation Courses (15 Credits)</b>		
ARS100	Drawing: Visual Thinking I	3
ARS101	Drawing: Visual Thinking II	3
ARS102	Design: Color	3
ARS103	Design: Form	3
ARS112	Art Seminar	3
<b>Art History Courses (12 Credits)</b>		
ARH201	Art of the Western World I	3
ARH202	Art of the Western World II	3
Select two of the following:		6
ARH358	Modern Art, 1900-1970	
ARH359	Contemporary Art, 1970 to the Present	
ARH3xx/ ARH4xx	Art History elective	
<b>Required Printmaking Courses (33 Credits)</b>		
ARS280	Basic Printmaking	3
ARS380	Photo Silkscreen	3
ARS381	Monotype Printmaking	3
ARS382	Media-Intervention	3
ARS385	Printmaking - Lithography	3
ARS386	Printmaking - Intaglio	3
ARS3xx	Any 300-level Printmaking course	3
ARS3xx	Any 300-level Printmaking course	3
ARS3xx	Any 300-level Printmaking course	3
ARS480	Senior Studio in Printmaking I	3

ARS481	Senior Studio in Printmaking II	3
<b>Required Cognate Courses (6 Credits)</b>		
Select any 200- or 300-level studio course, 2-dimensional (outside of Printmaking)		3
Select any 200- or 300-level studio course, 3-dimensional		3
<b>Studio Electives (12 Credits)</b>		
Select four ARS and/or DDF courses.		12
<b>Required Senior Seminar (3 Credits)</b>		
ARS490	BFA Seminar (writing intensive)	3
<b>Total Credits</b>		<b>81</b>

## Sculpture

(81 credits)

Practicing sculptors assist students in learning to master the skills, techniques, and creative approaches essential in the training of sculptors. Studio practice includes experience with clay, steel, stone, wood, bronze, and other materials. Students are provided with large and well-equipped work spaces necessary for creating sculpture in a broad range of sizes. The instructional program is supplemented by trips to galleries, museums, and stone yards.

Code	Title	Credits
<b>Required Foundation Courses (15 Credits)</b>		
ARS100	Drawing: Visual Thinking I	3
ARS101	Drawing: Visual Thinking II	3
ARS102	Design: Color	3
ARS103	Design: Form	3
ARS112	Art Seminar	3
<b>Art History Courses (12 Credits)</b>		
ARH201	Art of the Western World I	3
ARH202	Art of the Western World II	3
Select two of the following:		6
ARH358	Modern Art, 1900-1970	
ARH359	Contemporary Art, 1970 to the Present	
ARH3xx/ ARH4xx	Art History elective	
<b>Required Sculpture Courses (33 Credits)</b>		
ARS270	Basic Sculpture	3
ARS302	Material Dialogues	3
ARS304	Sonic Measures	3
ARS312	New Media 3D + 4D	3
ARS313	Sculpture Casting & Moldmaking	3
ARS316	Sculpture Situations	3
ARS320	Essential Electronics and Kinetics for Artists	3
ARS375	Welding Fabrication & Concepts	3
ARS419	Contemporary Ideas in Sculpture	3
ARS471	Senior Studio in Sculpture I	3
ARS472	Senior Studio in Sculpture II	3
<b>Required Cognate Courses (6 Credits)</b>		
Select any 200- or 300-level studio course, 2-dimensional		3
Select any 200- or 300-level studio course, 3-dimensional (outside of Sculpture)		3
<b>Studio Electives (12 Credits)</b>		

Select four ARS and/or DDF courses.	12
<b>Required Senior Seminar (3 Credits)</b>	
ARS490      BFA Seminar (writing intensive)	3
<b>Total Credits</b>	<b>81</b>

## Minor in Art Studio

(18 credits)

### Acceptance Requirements

Completion of 30 college credits with proof of minimum grade point average of 2.50 and approval of the Art Department chair. The Art Studio minor is available only to non-art majors.

### Program Requirements

Successful completion of 18 credits from the following categories:

Code	Title	Credits
<b>A. Introductory Studio Course(s) (6 Credits)</b>		
Select 3-6 credits of the following:		3-6
ARS105	Intro to Studio Art	
ARS110	Introduction to Ceramics	
ARS120	Introduction to Metal	
ARS140	Introduction to Painting	
ARS150	Introduction to Photography	
ARS160	Introduction to Printmaking	
ARS170	Introduction to Sculpture	
<b>B. Design Course(s) (6 Credits)</b>		
Select 3-6 credits of the following:		3-6
ARS102	Design: Color	
ARS103	Design: Form	
<b>C. Drawing and Basic Studio Courses (6-12 Credits)</b>		
Select 6-12 credits of the following:		6-12
ARS100	Drawing: Visual Thinking I	
ARS101	Drawing: Visual Thinking II	
ARS205	Graphic Design	
ARS210	Basic Ceramics <sup>1</sup>	
ARS220	Basic Metal <sup>1</sup>	
ARS230	Basic Digital Photography <sup>1</sup>	
ARS240	Basic Painting <sup>1</sup>	
ARS250	Basic Analog Photography <sup>1</sup>	
ARS260	Basic Wood Design <sup>1</sup>	
ARS270	Basic Sculpture <sup>1</sup>	
ARS280	Basic Printmaking <sup>1</sup>	
<b>Total Credits</b>		<b>18-24</b>

<sup>1</sup> Enrollment in basic classes is not automatic and requires permission of instructor (PI).

Should students favor pursuing advanced-level courses in any of the above areas, they may enroll with permission of instructor and department chair after satisfactory completion of the basic course.

## Art Education

Phone: (845) 257-3850

**Location:** Smiley Art Building Room 108-A

**Web Address:** [www.newpaltz.edu/arted](http://www.newpaltz.edu/arted)

Housed within the Department of Art, the Art Education program leads to a Bachelor of Science degree in Visual Arts Education. The program develops artist-teachers with a strong sense of artistic thinking and practice and an engagement with the diverse cultural contexts of young people, schools, and society.

In addition to core courses addressing pedagogy, historical, and contemporary issues in art education, and art making in a range of settings with diverse audiences, the Art Education program provides students with a rigorous concentration in studio art, courses in art history, art criticism, psychology, and the social and philosophical foundations of education in the United States. Students receive a minimum of 100 hours of fieldwork in art education settings prior to entering student teaching. Fieldwork settings include area schools and the [Saturday Arts Lab](#).

Upon successful completion of the Art Education program, students are eligible for New York State initial certification to teach visual arts in public schools at all grade levels. (For detailed information about teacher certification, visit the [Education Program & Certification Advisor](#) page on the School of Education website.)

A minimum grade point average of 2.75 is required for admission to the Art Studio program, which is a prerequisite for the Art Education program. A minimum grade point average of 3.0 is required for admission to Art Education, and students must earn a grade of B- or better in all Art Education (ARE) courses.

### Notice to Persons Who Have Prior Felony Convictions

State University of New York (SUNY) policy prohibits SUNY New Paltz admission applications from inquiring into an applicant's prior criminal history. Students who have previously been convicted of a felony are advised that their prior criminal history may impede their ability to complete the requirements of certain academic programs and/or to meet the licensure requirements for certain professions, including the program in Visual Arts Education.

Individuals with prior criminal histories are advised to seek advice and guidance from the chair of the academic department regarding the impact of a criminal record on meeting the requirements of the major/professional licensure or certification prior to declaring the major.

## Visual Arts Education (BS) Program Learning Outcomes

By the time they graduate, Art Education majors will be able to:

- Use knowledge of issues in contemporary art, design, teaching, and technology to develop meaningful art educational curricula and experiences for children, youth and families.
- Promote social inclusivity and critical thinking through practices that are culturally responsive, environmentally responsible, student-centered and standards-based in local and global contexts.
- Use appropriate information from diverse sources to support evidence-based teaching and assessment.
- Develop and articulate context-sensitive, self-reflective practice as researchers, artists, and teachers.

- Participate in a strong professional learning community with faculty, colleagues, mentors and students in meaningful and supportive relationships.
- Build professional networks to support the practice of lifelong learning.

• [Major in Visual Arts Education \(B.S.\)](#) (p. 140)

Faculty

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Major in Visual Arts Education (B.S.)

84 credits

A grade of B- or better is required in all Art Education (ARE) courses.

Code	Title	Credits
<b>Required Foundation Courses (18 Credits)</b>		
ARS100	Drawing: Visual Thinking I	3
ARS101	Drawing: Visual Thinking II	3
ARS102	Design: Color	3
ARS103	Design: Form	3
ARH201	Art of the Western World I	3
ARH202	Art of the Western World II	3
<b>Required Art Education Courses (18 Credits)</b>		
ARE200	Art Criticism	3
or ARS112	Art Seminar	
ARE300	Contemporary Approaches Art Education	3
ARE302	Curriculum and Instruction	3
ARE303	Theory and Practice	4
Select one of the following:		3
ARE305	Disability Studies in Art Education	
SPE350	Creating Inclusive Elementary School Classrooms	
SPE385	Differentiating Instruction in the Secondary School	
ARE390	Fieldwork in Art Education I	1
ARE391	Fieldwork in art Education II	1
<b>Required Educational Studies Courses (6 Credits)</b>		
Under advisement by Art Education faculty, each major candidate is required to take six credits of Educational Studies courses, of which three credits must address issues pertaining to special populations:		
EDS340	Sociological and Philosophical Foundations of Education	3
EDS372	Developing Adolescence	3

or EDS371	Child Psychology and Development	
<b>Upper-division Art History Requirement (6 Credits)</b>		
By advisement, each major candidate must take two upper-division Art History courses, one in non-Western art and one in contemporary art.		6
<b>Basic Art Studio or Art Education Courses (15 Credits)</b>		
ARE316	Learning in Digital Visual Cultures	3
Four (4) additional ARS or ARE courses demonstrating breadth of two-dimensional and three-dimensional processes, selected under advisement by Art Education faculty.		12
<b>Upper-division Art Studio Courses (9 Credits)</b>		
Under advisement by Art Education faculty, each major candidate is required to take three (3) upper-division ARS courses in one studio area (Ceramics, Graphic Design, Metal, Painting, Photography, Printmaking, Sculpture).		9
<b>Student Teaching (12 Credits)</b>		
ARE405	Student Teaching in Art Pre-K-6	6
ARE406	Student Teaching in Art 7-12	6
<b>Total Credits</b>		<b>84</b>

Art History

**Phone:** (845) 257-3875  
**Location:** Smiley Arts Building, Room 108  
**Web address:** [www.newpaltz.edu/arthistory](http://www.newpaltz.edu/arthistory)

The Department of Art History is committed to providing students with a broad and varied understanding of world art traditions and to fostering an approach to interpreting art based on sound critical thinking, analytical skills, and an awareness of historical context. Since 1964, our Bachelor of Arts degree program has offered a wide variety of courses in the history of painting, sculpture, architecture, graphic and decorative arts, design, and photography. The breadth of our curriculum distinguishes it from many others, with course content encompassing art from prehistoric times to the present and covering nearly all areas of the world.

In addition to the B.A. Art History program, a minor in Art History is available, as is an Art History concentration within the Early Childhood & Childhood Education (B-6) and Early Childhood Studies (non-certification) programs. Students may also choose an interdisciplinary minor in Film & Video Studies, jointly coordinated by the Departments of Art History and Digital Media & Journalism.

Art History Honors Program

Art History majors pursuing a Bachelor of Arts degree are encouraged to apply for admission to the Art History Honors Program if they meet all the following criteria:

- a cumulative average in all course work at the university of 3.0 or above
- an average in Art History course work at the university of 3.5 or above, and
- completion of 21 or more credits in Art History.

Application must be made at the beginning of the last semester of the junior year.

Admission to the Honors Program will permit students to enroll in ARH461 Honors Thesis in Art History I and ARH462 Honors Thesis in Art History II (three credits each). Credit for ARH461 Honors Thesis in Art



History I will not be allowed unless ARH462 Honors Thesis in Art History II is completed; only three of these six credits may be used toward completion of the 36-credit major.

Students admitted to the Honors Program will undertake independent study and write a thesis on a subject chosen by the student in consultation with the faculty, approved by the department chair, and supervised by the appropriate member of the faculty. Successful completion of the thesis – indicated by a grade of B+ or better in ARH461 Honors Thesis in Art History I and ARH462 Honors Thesis in Art History II – will result in the student graduating with honors in Art History, a distinction that will appear on the SUNY New Paltz transcript.

Questions regarding this Honors Program should be directed to the chair of the Department of Art History.

## Art History (BA) Program Learning Outcomes

Art History students will:

- Learn to recognize and define the artistic styles of historical periods.
- Analyze the meaning and cultural context of works of art.
- Explore the materials and creative processes involved in producing artworks.
- Articulate the significance of images.
- [Major in Art History](#) (p. 141)
- [Minor in Art History](#) (p. 141)
- [Film & Video Studies](#) (p. 72)

## Faculty

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## Major in Art History

(36 credits)

Grades below C- will not be counted toward the major.

ARH200 Introduction to the Visual Arts does not count toward the major.

Code	Title	Credits
<b>Required Courses (9 Credits)</b>		
ARH201	Art of the Western World I	3
ARH202	Art of the Western World II	3
ARH456	Art History: Theories and Approaches (writing intensive Capstone seminar)	3
<b>Electives (27 Credits)</b>		
Each major candidate must complete at least one course in each of the following six areas:		27
Ancient art		
Medieval art		
Renaissance or Baroque art		
Eighteenth- or Nineteenth-Century art		
Twentieth-Century art		
Asian art		
<b>Total Credits</b>		<b>36</b>

## Minor in Art History

(21 credits)

The minor in Art History requires 21 credits, which may be distributed over a broad spectrum of art history courses by advisement or may concentrate in one or more areas that relate to the student's major field and career goals.

The required seven (7) Art History courses must include at least four (4) upper-division courses and at least three (3) courses not already used to satisfy the requirements of the student's major.

## Audio Engineering

The field of audio engineering exists at the intersection of art, physics and technology and is a growing and valuable contributor in all areas of live and recorded media and entertainment. Students may declare an interdisciplinary minor in audio engineering that focuses on contemporary audio and music production and provides an opportunity to learn from faculty in the Departments of Theatre Arts, Music and Digital Media & Journalism. Topics of study include acoustics, electricity,

sound design, music theory, composition, live sound reinforcement, studio sound, recording, mixing and mastering, post-production, and music technology. The Audio Engineering minor will enhance students' education with knowledge and skills that directly support their artistic work and/or career goals in theatre, music, and media production.

## Student Learning Outcomes

Upon successful completion of the minor in audio engineering students will be able to:

- Comprehend the principles of the physics of sound and basic music theory and composition for theatre, music and film audio productions;
- Apply sound engineering techniques to live performances, field recording, mixing, mastering in the recording studios, and post-production for video productions;
- Analyze the design of content and systems of sound for different production needs;
- Synthesize artistic and technical ideas of aural storytelling.

For more information, contact the program director:

Will Hong  
Associate Professor, Department of Digital Media & Journalism  
CSB 42  
845-257-3117  
[hongw@newpaltz.edu](mailto:hongw@newpaltz.edu)

- [Minor in Audio Engineering](#) (p. 142)

## Minor in Audio Engineering

(18-19 credits)

*A grade of C- or better is required to earn credit toward the Audio Engineering minor.*

*Up to four (4) credits from the minor may also count toward a student's major.*

Code	Title	Credits
<b>Core Requirements (6-7 Credits)</b>		
Select two of the following:		6-7
DMJ320	Audio Production (prerequisite: DMJ215 Digital Storytelling)	
MUS380	Basic Recording Techniques	
THE358	Audio Engineering 1	
<b>Additional Requirements (6 Credits)</b>		
Select two of the following:		6
MUS350	Computer and Electronic Music	
MUS381	Advanced Recording	
THE357	Sound Design 1	
THE458	Audio Engineering 2	
<b>Elective Requirement (6 Credits)</b>		
Select two or more of the following for a total of at least 6 credits:		6
DMJ215	Digital Storytelling	
DMJ333	Podcasting	
MUS103	Basic Sight Singing and Ear Training	
MUS106	Basic Music Theory	
MUS201	Basic Piano	
MUS202	Piano 1	

MUS203	Theory 1
MUS211	Experiments in Music Composition
MUS231	Sight Singing and Ear Training 1
MUS232	Sight Singing and Ear Training 2
MUS351	Advanced Computer and Electronic Music
THE260	Introduction to Design
THE411	Rehearsal and Production
THE412	Rehearsal and Production
THE413	Rehearsal and Production
THE457	Sound Design 2
By advisement, selected-topic courses may count toward the minor.	

**Total Credits**

**18-19**

## Music

**Phone:** (845) 257-2700

**Location:** CH-G 100

**Web:** [www.newpaltz.edu/music](http://www.newpaltz.edu/music)

The Department of Music strives to educate students by providing a rigorous undergraduate core program in music within the liberal arts context. We aspire to promote integrated student learning through a diversity of offerings within the department and across the campus. Prospective students - majors and non-majors alike - will find a variety of liberal arts and professional courses as well as a full range of performing ensembles. We also offer an extensive series of on-campus concerts involving faculty members, guest performers, students, and student ensembles.

Undergraduate students may choose from several concentrations leading to the B.S. Music degree. The General Music concentration offers students an opportunity to sample our broad elective offerings in music genres and history, classical and jazz performance, recording and electronic music, music therapy, and composition, while the concentrations in Classical Performance, Clinical Musicianship, Composition, Jazz Performance, and Recording & Electronic Music attract students with specialized interests. All students majoring in Music are required to complete a minor or a second major in a subject other than music.

A Music minor is available for students who are passionate about music, performance or composition but choose to major in another field. Our program aims to broaden, as well as deepen, students' understanding of the art of music by offering a selection of core music courses along with a flexible elective requirement.

See the [Graduate Catalog](#) for information about our acclaimed M.S. in Music Therapy program.

SUNY New Paltz is fully accredited by the National Association of Schools of Music (NASM).

## Music (BA, BS) Program Learning Outcomes

Upon successful completion of the Music major, students will be able to:

- Demonstrate a foundation of musicianship based on performing, composing, interpreting, and improvising.

- Engage in a diverse range of multi-ethnic musical styles through study and participation that gives students a broad understanding of cultural, historical, political, and health-wellness contexts.
- Work effectively as a contributing member of a small team and larger group.
- Cultivate organizational and team-building skills to create and serve future communities.
- Synthesize foundational skills and knowledge to empower creative risk-taking in developing artistic career paths.
- [Major in Music](#) (p. 143)
- [Minor in Music](#) (p. 146)
- [Audio Engineering](#) (p. 141)

## Faculty

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## Major in Music

(53-56 credits)

- Students who major in Music are required to declare a minor or a second major in a subject area outside of music.
- All courses required in the Music major must be completed with a minimum grade of C-, with the exception of certain courses in the Clinical Musicianship concentration, which require a minimum grade of B-.
- A student granted a waiver of any Music course(s) must take an equivalent number of credits in other Music course(s) as electives.
- A maximum of two semesters of ensemble credit will be accepted from a transfer college.

- All semesters of Applied Music must be taken on the same instrument.
- Students must have 45 upper-division credits for graduation.

Music: General

(54 credits)

Code	Title	Credits
Required Foundation Courses (27 Credits)		
MUS110	Introduction to Music Studies	1
Select four of the following (Participation in Music Ensemble, by advisement: 4 semesters at 1 credit each):		4
MUS140	Southeast Asian Music Ensemble	
MUS141	College/Youth Symphony	
MUS142	College-Community Chorale	
MUS143	Symphonic Band	
MUS144	Concert Choir	
MUS145	Collegium Musicum	
MUS146	Chamber Singers	
MUS162	Chamber Jazz Ensembles	
MUS150	Concert Series Attendance	0
MUS202	Piano 1	2
MUS203	Theory 1	3
MUS231	Sight Singing and Ear Training 1	1
MUS232	Sight Singing and Ear Training 2	1
MUS2xx	Applied Music: 2 semesters at 2 credits each	4
MUS331	Music to 1750	3
MUS333	Music since 1750	3
MUS335	Sight Singing & Ear Training 3	1
MUS4xx	Applied Music: 2 semesters at 2 credits each	4
Additional Required Courses (13 Credits)		
MUS204	Theory 2	3
MUS303	Theory 3	3
MUS301	Piano 2	2
MUS302	Piano 3: Jazz and Popular Styles	2
or MUS320	Keyboard Harmony and Improvisation	
MUS364	Form and Analysis	3
Elective Requirements (9 Credits)		
Select 9 credits		9
Capstone Requirements (5 Credits)		
MUS432	Writing About Music	3
MUS490	Senior Project Seminar	2
Total Credits		54

Music: Classical Performance Concentration

(54 credits)

Code	Title	Credits
Required Foundation Courses (27 Credits)		
MUS110	Introduction to Music Studies	1
Select four of the following (Participation in Music Ensemble, by advisement: 4 semesters at 1 credit each):		4
MUS140	Southeast Asian Music Ensemble	
MUS141	College/Youth Symphony	

MUS142	College-Community Chorale	
MUS143	Symphonic Band	
MUS144	Concert Choir	
MUS145	Collegium Musicum	
MUS146	Chamber Singers	
MUS162	Chamber Jazz Ensembles	
MUS150	Concert Series Attendance	0
MUS202	Piano 1	2
MUS203	Theory 1	3
MUS231	Sight Singing and Ear Training 1	1
MUS232	Sight Singing and Ear Training 2	1
MUS2xx	Applied Music: 2 semesters at 2 credits each	4
MUS331	Music to 1750	3
MUS333	Music since 1750	3
MUS335	Sight Singing & Ear Training 3	1
MUS4xx	Applied Music: 2 semesters at 2 credits each	4
Concentration Courses (21 Credits)		
Select two of the following (Participation in Music Ensemble, by advisement: 2 additional semesters):		2
MUS140	Southeast Asian Music Ensemble	
MUS141	College/Youth Symphony	
MUS142	College-Community Chorale	
MUS143	Symphonic Band	
MUS144	Concert Choir	
MUS145	Collegium Musicum	
MUS146	Chamber Singers	
MUS162	Chamber Jazz Ensembles	
MUS204	Theory 2	3
MUS301	Piano 2	2
MUS303	Theory 3	3
MUS364	Form and Analysis	3
MUS4xx	Applied Music: 4 additional semesters	8
Elective Requirements (5 Credits)		
Select 5 credits		5
Capstone Requirements (1 Credits)		
MUS483	Senior Recital	1
Total Credits		54

Music: Clinical Musicianship Concentration

(56 credits)

Note that several concentration courses require a minimum grade of B- to progress to the next course in the sequence.

Code	Title	Credits
Required Foundation Courses (26 Credits)		
Select four of the following (Participation in Music Ensemble, by advisement: 4 semesters at 1 credit each):		4
MUS140	Southeast Asian Music Ensemble	
MUS141	College/Youth Symphony	
MUS142	College-Community Chorale	
MUS143	Symphonic Band	
MUS144	Concert Choir	
MUS145	Collegium Musicum	

MUS146	Chamber Singers	
MUS162	Chamber Jazz Ensembles	
MUS150	Concert Series Attendance	0
MUS202	Piano 1	2
MUS203	Theory 1	3
MUS231	Sight Singing and Ear Training 1	1
MUS232	Sight Singing and Ear Training 2	1
MUS2xx	Applied Music: 2 semesters at 2 credits each	4
MUS331	Music to 1750	3
MUS333	Music since 1750	3
MUS335	Sight Singing & Ear Training 3	1
MUS4xx	Applied Music: 2 semesters at 2 credits each	4
<b>Concentration Courses (23 Credits)</b>		
MUS204	Theory 2	3
MUS218	Guitar 1	2
MUS301	Piano 2	2
MUS302	Piano 3: Jazz and Popular Styles	2
MUS310	Jazz Theory 1	3
MUS250	Music Therapy Overview	3
MUS328	Inclusive Conducting and Arranging	1
MUS353	Clinical Applications of Music I	3
MUS354	Clinical Applications of Music II	3
MUS462	Clinical Musicianship	1
<b>Elective Requirement (2 Credits)</b>		
MUS205	Class Voice	2
or MUSxxx	Music Elective	
<b>Capstone Requirements (5 Credits)</b>		
MUS345	Psychology of Music	3
MUS484	Music Therapy Observations	2
<b>Total Credits</b>		<b>56</b>

## Music: Composition Concentration

(54 credits)

Code	Title	Credits
<b>Required Foundation Courses (27 Credits)</b>		
MUS110	Introduction to Music Studies	1
Select four of the following (Participation in Music Ensemble, by advisement: 4 semesters at 1 credit each):		
MUS140	Southeast Asian Music Ensemble	
MUS141	College/Youth Symphony	
MUS142	College-Community Chorale	
MUS143	Symphonic Band	
MUS144	Concert Choir	
MUS145	Collegium Musicum	
MUS146	Chamber Singers	
MUS162	Chamber Jazz Ensembles	
MUS150	Concert Series Attendance	0
MUS202	Piano 1	2
MUS203	Theory 1	3
MUS231	Sight Singing and Ear Training 1	1
MUS232	Sight Singing and Ear Training 2	1

MUS219	Applied Composition (2 semesters at 2 credits each)	4
MUS331	Music to 1750	3
MUS333	Music since 1750	3
MUS335	Sight Singing & Ear Training 3	1
MUS419	Applied Composition (2 semesters at 2 credits each)	4
<b>Concentration Courses (18 Credits)</b>		
MUS204	Theory 2	3
or MUS310	Jazz Theory 1	
MUS211	Experiments in Music Composition	3
Select one of the following, to be taken for two semesters:		
MUS219	Applied Composition	
or MUS2xx	Applied Instrument	
MUS230	Composition Seminar (to be taken for two semesters)	2
Select one of the following, to be taken for two semesters:		
MUS419	Applied Composition	
or MUS4xx	Applied Instrument	
MUS430	Composition Seminar (to be taken for two semesters)	2
<b>Elective Requirement (4 Credits)</b>		
Select 4 upper-division elective credits.		
<b>Capstone Requirements (5 Credits)</b>		
MUS432	Writing About Music	3
MUS490	Senior Project Seminar	2
<b>Total Credits</b>		<b>54</b>

## Music: Jazz Performance Concentration

(53 credits)

Code	Title	Credits
<b>Required Foundation Courses (27 Credits)</b>		
MUS110	Introduction to Music Studies	1
Select four of the following (Participation in Music Ensemble, by advisement: 4 semesters at 1 credit each):		
MUS140	Southeast Asian Music Ensemble	
MUS141	College/Youth Symphony	
MUS142	College-Community Chorale	
MUS143	Symphonic Band	
MUS144	Concert Choir	
MUS145	Collegium Musicum	
MUS146	Chamber Singers	
MUS162	Chamber Jazz Ensembles	
MUS150	Concert Series Attendance	0
MUS202	Piano 1	2
MUS203	Theory 1	3
MUS231	Sight Singing and Ear Training 1	1
MUS232	Sight Singing and Ear Training 2	1
MUS2xx	Applied Music: 2 semesters at 2 credits each	4
MUS331	Music to 1750	3
MUS333	Music since 1750	3
MUS335	Sight Singing & Ear Training 3	1
MUS4xx	Applied Music: 2 semesters at 2 credits each	4



**Concentration Courses (25 Credits)**

Select two of the following (Participation in Music Ensemble, by advisement: 2 additional semesters): 2

MUS140	Southeast Asian Music Ensemble	
MUS141	College/Youth Symphony	
MUS142	College-Community Chorale	
MUS143	Symphonic Band	
MUS144	Concert Choir	
MUS145	Collegium Musicum	
MUS146	Chamber Singers	
MUS162	Chamber Jazz Ensembles	
MUS210	Jazz Improvisation Workshop	2
MUS302	Piano 3: Jazz and Popular Styles	2
MUS310	Jazz Theory 1	3
MUS311	Jazz Theory 2	3
MUS312	Jazz Instrumentation and Arranging	3
MUS410	Jazz Improvisation Workshop	2
MUS4xx	Applied Music: 4 semesters at 2 credits each	8

**Capstone Requirements (1 Credits)**

MUS483	Senior Recital	1
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**Total Credits** 53

**Music: Recording & Electronic Music Concentration**

(53 credits)

Code	Title	Credits
<b>Required Foundation Courses (27 Credits)</b>		
MUS110	Introduction to Music Studies	1
Select four of the following (Participation in Music Ensemble, by advisement: 4 semesters at 1 credit each): 4		
MUS140	Southeast Asian Music Ensemble	
MUS141	College/Youth Symphony	
MUS142	College-Community Chorale	
MUS143	Symphonic Band	
MUS144	Concert Choir	
MUS145	Collegium Musicum	
MUS146	Chamber Singers	
MUS162	Chamber Jazz Ensembles	
MUS150	Concert Series Attendance	0
MUS202	Piano 1	2
MUS203	Theory 1	3
MUS231	Sight Singing and Ear Training 1	1
MUS232	Sight Singing and Ear Training 2	1
MUS2xx	Applied Music: 2 semesters at 2 credits each	4
MUS331	Music to 1750	3
MUS333	Music since 1750	3
MUS335	Sight Singing & Ear Training 3	1
MUS4xx	Applied Music: 2 semesters at 2 credits each	4
<b>Concentration Courses (21 Credits)</b>		
MUS204	Theory 2	3
MUS303	Theory 3	3
or MUS310	Jazz Theory 1	
MUS350	Computer and Electronic Music	3

MUS351	Advanced Computer and Electronic Music	3
MUS380	Basic Recording Techniques	3
MUS381	Advanced Recording	3
Select one of the following:		3

MUS312	Jazz Instrumentation and Arranging	
MUS364	Form and Analysis	
PHY109	Physics of Sound and Music	

**Capstone Requirements (5 Credits)**

MUS432	Writing About Music	3
MUS490	Senior Project Seminar	2

**Total Credits** 53

**Minor in Music**

(25 credits)

- All courses required in the music minor must be completed with a minimum grade of C-.
- A student granted a waiver of any Music course(s) must take an equivalent number of credits in other Music course(s) as electives.

Code	Title	Credits
<b>Required Courses (20 Credits)</b>		
MUS110	Introduction to Music Studies	1
MUS203	Theory 1 <sup>1</sup>	3
or MUS106	Basic Music Theory	
Select three of the following (3 semesters at 1 credit each): <sup>2</sup>		3
MUS141	College/Youth Symphony	
MUS142	College-Community Chorale	
MUS143	Symphonic Band	
MUS144	Concert Choir	
MUS145	Collegium Musicum	
MUS162	Chamber Jazz Ensembles	
MUS201	Basic Piano	2
MUS202	Piano 1	2
MUS203	Theory 1	3
or MUS204	Theory 2	
MUS331	Music to 1750	3
MUS333	Music since 1750	3
<b>Elective Requirement (5 Credits)</b>		
Select 5 credits		5
<b>Total Credits</b>		<b>25</b>

<sup>1</sup> Entrance into MUS203 Theory 1 is by placement exam

<sup>2</sup> Credits in excess of three (3) can be counted toward the elective requirement.

**Theatre Arts**

**Phone:** (845) 257-3865

**Location:** CT 102

**Web address:** [www.newpaltz.edu/theatre](http://www.newpaltz.edu/theatre)

The Department of Theatre Arts is dedicated to engaging New Paltz students in a dynamic, experiential, and diverse educational experience. The program offers students a unique combination of contemporary

theory and practice within the context of a broad-based and humanistic liberal arts tradition. The faculty of teachers, artists, and scholars provides students with models of excellence in our classrooms, on our stages, in major theatre centers in the United States, and in the global performing arts community.

The department offers a Bachelor of Arts degree with concentrations in Design & Technology, Performance, and Theatre Studies. Our program is grounded in the history, literature, theory, and applied practice of theatre, giving relevance and meaning to a student's artistic endeavors. In addition, we offer General Education courses that present Theatre Arts as a humanistic endeavor within multiple historical and cultural landscapes.

## Theatre Arts (BA, BS) Program Learning Outcomes

By the time they graduate, Theatre Arts majors will:

- Articulate self-reflection and respond as a member of the local community and global society; continually evaluate and motivate one's actions, connecting work as artists and as global citizens to sustainability in all of its forms—social, environmental, and economic.
- Be able to articulate the importance of storytelling to the arts, humanities, broader social development, and evolution of society through/by connecting interdisciplinary studies from General Education and minor courses to their work as theatre artists.
- Demonstrate (in written, visual, aural and oral forms) an understanding of a play, musical, live performance or production in terms of its (local, national, global) social, political, cultural, aesthetic and historical context.
- Evaluate a theatrical work for its context and clearly articulate an understanding of that work through a discipline-specific interpretation or response—applying theatre practices and developing various techniques, skills and methods for creating works of live performance.
- [Major in Theatre Arts](#) (p. 147)
- [Minor in Theatre Arts](#) (p. 148)
- [Audio Engineering](#) (p. 141)

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## Major in Theatre Arts

(54 credits)

Notes:

- Students majoring in Theatre Arts are required to complete a minor.
- A grade of C- or better is required in all Theatre courses to earn credit toward a Theatre Arts major.
- Substitutions for courses in any specific area of the program may be approved by the department chair.

Code	Title	Credits
<b>Theatre Core Requirements (36 Credits)</b>		
THE231	Introduction to Performance	3
THE236	Play Analysis	3
THE251	Foundations: Theory and Collaboration	3
THE252	Introduction to Theater Production	3
THE253	Costume Production I	3
THE260	Introduction to Design	3
THE301	Theatre Arts Participation <sup>1</sup>	1
THE301	Theatre Arts Participation <sup>1</sup>	1
THE301	Theatre Arts Participation <sup>1</sup>	1
THE233	Western Drama I	3
THE321	Theatre III:Theatre History 1 or THE318 History of Global Performance I	3
THE322	Theatre History 2 or THE319 History of Global Performance II	3
THE465	Senior Seminar: Professional Development	3
Select one of the following:		3
THE208	Latin American Drama and Performance	
THE234	Western Drama II or THE232 European Drama	
THE237	African American Drama	
THE323	World Drama	
or THE240	History of World Dress	
THE327	Race Gender and Performance	
THE328	Asian Theatre	
THE329	American Drama	
THE330	Contemporary Drama	
THE420	American Musical Theatre	
THE421	Queer Theatre	
<b>Concentration Requirements (18 Credits)</b>		
In addition to the core requirements above, students must complete one of the following 18-credit concentrations:		18
Performance Concentration		
Design & Technology Concentration		
Theatre Studies Concentration		
<b>Total Credits</b>		<b>54</b>

<sup>1</sup> THE301 Theatre Arts Participation must be taken three times for a total of 3 credits.

Performance Concentration

Code	Title	Credits
THE332	Acting I	3
THE333	Acting II	3
THE334	Speech for the Stage	3
THE337	Introduction to Movement	3

Two upper-division concentration electives	6
<b>Total Credits</b>	<b>18</b>

Design & Technology Concentration

Code	Title	Credits
Select three of the following:		9
THE342	Stage Management	
THE354	Scene Design 1	
THE355	Costume Design 1	
THE356	Lighting Design 1	
THE357	Sound Design 1	
Select one of the following:		3
THE261	Drawing and Painting for Theatre	
THE343	Scene Painting	
THE352	Introduction to Computer Assisted Design	
THE358	Audio Engineering 1	
Two (2) additional concentration electives, of which one must be upper division		6
<b>Total Credits</b>		<b>18</b>

Theatre Studies Concentration

Code	Title	Credits
THE324	Dramaturgy	3
THE325	Devising Theatre	3
or THE327	Race Gender and Performance	
THE342	Stage Management	3
or THE344	Theatre Management	
THE441	Directing I	3
Select one of the following:		3
THE208	Latin American Drama and Performance	
THE237	African American Drama	
THE323	World Drama	
THE327	Race Gender and Performance	
THE328	Asian Theatre	
THE420	American Musical Theatre	
THE421	Queer Theatre	
One (1) additional upper-division concentration elective		3
<b>Total Credits</b>		<b>18</b>

Minor in Theatre Arts

(24 credits)

Code	Title	Credits
THE235	Introduction To Theatre	3
or THE251	Foundations: Theory and Collaboration	
Select three of the following:		9
THE230	Introduction to Acting	
THE231	Introduction to Performance	
THE252	Introduction to Theater Production	
THE253	Costume Production I	
THE260	Introduction to Design	
THE337	Introduction to Movement	

Select two of the following:

6

THE232	European Drama
THE233	Western Drama I
THE234	Western Drama II
THE237	African American Drama
THE239	History of Fashion
THE321	Theatre History 1
THE322	Theatre History 2
THE327	Race Gender and Performance
THE420	American Musical Theatre

#### Elective Courses (6 Credits)

Two elective courses selected from existing Theatre Arts courses or selected topics

6

**Total Credits**

24

## School of Science & Engineering

**Phone:** (845) 257-3728

**Location:** Science Hall 153

**Web:** [www.newpaltz.edu/sse](http://www.newpaltz.edu/sse)

### Our Mission

The School of Science & Engineering is committed to inclusivity, diversity and equitable access to a high-quality education. We will:

- Provide a rigorous education in math, science, and engineering using evidence-based pedagogies that, in addition to developing the expected technical skills, emphasizes problem solving, communication skills, creative thinking and teamwork.
- Provide general education and introductory courses in math, sciences, and engineering which students can integrate within their majors and promote a life-long interest in our fields.
- Engage in research that contributes knowledge to our fields and in scholarship that applies our knowledge to other fields.
- Engage undergraduate students in real-world research and projects.
- Support STEM education within the Mid-Hudson Valley, beyond our own students. This includes preparing math and science students for careers in secondary education as well as educating the public about STEM-related issues.
- Offer graduate programs consistent with regional needs and opportunities.
- Contribute to the economic vitality of the region by supporting regional companies in research and development with expertise and access to resources.
- [Biochemistry](#) (p. 149)
- [Biology](#) (p. 151)
- [Chemistry](#) (p. 156)
- [Computer Science](#) (p. 158)
- [Digital Design & Fabrication](#) (p. 160)
- [Engineering Programs](#) (p. 161)
- [Environmental Science](#) (p. 164)
- [Geology](#) (p. 167)
- [Mathematics](#) (p. 170)
- [Physics & Astronomy](#) (p. 173)

## Biochemistry

**Phone:** (845) 257-3790

**Location:** Coykendall Science Building Room 105

**Web address:** [www.newpaltz.edu/biochemistry](http://www.newpaltz.edu/biochemistry)

The Departments of Biology and Chemistry offer an interdisciplinary major in Biochemistry, leading to a Bachelor of Science degree. The Biochemistry program provides students with a firm foundation in both biology and chemistry, extensively utilizing course offerings from both departments.

Biochemistry is the scientific discipline that seeks to understand life at a very fundamental level. Students who are interested in the intersection of biology and chemistry will find our program provides a rigorous, hands-on experience and the opportunity to form intimate scholarly relationships with our faculty. A degree in Biochemistry is excellent preparation for further studies in other closely related fields such as pharmacology and

health science or a variety of bachelor-level positions with laboratories, research facilities, private industry, chemical, pharmaceutical and biotech firms. Additionally, the unique interdisciplinary nature of our liberal arts degree also builds skills in problem-solving and critical thinking that can be applied to a much broader range of career options in biology, chemistry, veterinary science, patent law and beyond.

## Biochemistry (BS) Program Learning Outcomes

Students who successfully complete the Biochemistry major will be able to:

- Apply quantitative reasoning and appropriate mathematics to describe or explain phenomena in the natural world.
- Demonstrate understanding of the process of scientific inquiry and explain how scientific knowledge is discovered and validated.
- Demonstrate knowledge of basic physical principles and their applications to the understanding of living systems.
- Demonstrate knowledge of basic principles of chemistry and some of their applications to the understanding of living systems.
- Demonstrate knowledge of how biomolecules contribute to the structure and function of cells.
- Apply understanding of principles of how molecular and cell assemblies, organs, and organisms develop structure and carry out function.
- Explain how organisms' sense and control their internal environment and how they respond to external change.

(73-74 credits)<sup>1</sup>

Code	Title	Credits
<b>Required Biochemistry Courses (12 Credits)</b>		
BCM360	Protein Structure and Function	4
BCM461	Biochemistry 1	3
BCM463	Biochemistry Lab	1
BCM470	Biochemistry 2	3
BCM475	Experimental Biochemistry	1
<b>Required Biology Courses (16 Credits)</b>		
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab	4
BIO320 & BIO321	Genetics and Genetics Lab	4
BIO358	Molecular Biology	4
<b>Required Chemistry Courses (16 Credits)</b>		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4

CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	4
<b>Biology Elective (4 Credits)</b>		
Select one of the following:		4
BIO350	General Microbiology	
BIO359	Cell Biology	
BIO370	Animal Physiology	
BIO413	Developmental Biology	
<b>Chemistry Elective (3-4 Credits)</b>		
Select one of the following:		3-4
CHE303	Introduction to Analytical Chemistry	
CHE314	Inorganic Chemistry	
CHE321	Physical Chemistry I	
CHE322	Physical Chemistry II	
<b>Additional Approved Electives (6 Credits)</b>		
Select a minimum 6 credits (may be from the above lists, independent study, or otherwise approved by advisor)		6
<b>Required Cognates (16 Credits)</b>		
MAT251	Calculus I	4
MAT252	Calculus II	4
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
<b>Total Credits</b>		<b>73-74</b>

<sup>1</sup> Minimum grade requirements:

- A minimum grade of C- is required to advance from [CHE201](#) General Chemistry I to [CHE202](#) General Chemistry II , from [CHE202](#) General Chemistry II to [CHE318](#) Organic Chemistry I , and from [CHE318](#) Organic Chemistry I to [CHE319](#) Organic Chemistry II .
- A minimum grade of C- in [CHE319](#) Organic Chemistry II is required to enroll in [BCM461](#) Biochemistry 1 .
- A minimum grade of C- is required to advance from [BIO201](#) General Biology I to [BIO202](#) General Biology II and from [BIO202](#) General Biology II to [BIO320](#) Genetics .
- A minimum grade of C- in [BIO320](#) Genetics is required to advance to [BCM360](#) Protein Structure and Function and most upper-division biology courses, including those in the Biochemistry major ([BIO350](#) General Microbiology , [BIO358](#) Molecular Biology, [BIO359](#) Cell Biology, [BIO370](#) Animal Physiology, [BIO413](#) Developmental Biology).
- A minimum grade of C- in [MAT251](#) Calculus I is required to enroll in [MAT252](#) Calculus II and in [PHY201](#) General Physics 1 .

## Faculty

See [Biology](#) (p. 151) and [Chemistry](#) (p. 156) faculty lists



# Biology

**Phone:** (845) 257-3770

**Location:** Coykendall Science Building, Room 106

**Web address:** [www.newpaltz.edu/biology](http://www.newpaltz.edu/biology)

The Biology program at New Paltz offers students excellent preparation for graduate school, medical school, or a career in industry or one of the many allied health fields. Our faculty-mentored research opportunities are unparalleled, and our modern, research-quality instrumentation enables students to pursue every interest from molecular signaling and environmental conservation to neurophysiology and animal behavior.

Within the Biology curriculum, students may choose one of five tracks, one leading to a Bachelor of Arts degree and four leading to a Bachelor of Science degree:

1. Biology (BA degree track)
2. Cellular Biology (BS degree track)
3. Environmental Biology (BS degree track)
4. Integrative Biology (BS degree track)
5. Organismal Biology (BS degree track)

We also offer a minor in Biology and contribute to the university's interdisciplinary minors in Environmental Science (p. 166), Environmental Studies (p. 70), and Evolutionary Studies (p. 71). The Departments of Biology and Chemistry collaborate to offer an interdisciplinary major in Biochemistry (p. 149) leading to a Bachelor of Science degree.

In addition to these programs, the Department of Biology offers the core Biology courses required for students interested in pursuing a pre-health/pre-medical program of study. Two accelerated medical programs with other institutions are currently in place:

1. a seven-year, dual-degree BS/Doctor of Optometry program with the SUNY College of Optometry and
2. a seven-year, dual-degree BS/Doctor of Osteopathic Medicine program with the New York College of Osteopathic Medicine.

For information about these programs, or for guidance related to medical, dental and veterinary school admission, please contact Dr. Debra Adair, Pre-Health Advisor (CSB 104; 845-257-2614; [adaird@newpaltz.edu](mailto:adaird@newpaltz.edu)).

## Majoring in Biology

A minimum MPL of 4 and a minimum cumulative GPA of 2.5 are required to declare a major in Biology.

### Minimum grade requirements:

- A minimum grade of C- is required to advance from BIO201 General Biology I to BIO202 General Biology II and from BIO202 General Biology II to BIO320 Genetics .
- A minimum grade of C- in BIO320 Genetics is required to advance to most upper-division biology courses (300 and above).
- A minimum grade of C- is required to advance from CHE201 General Chemistry I to CHE202 General Chemistry II , from CHE202 General Chemistry II to CHE318 Organic Chemistry I , and from CHE318 Organic Chemistry I to CHE319 Organic Chemistry II .
- A minimum grade of C- in CHE319 Organic Chemistry II is required to enroll in BCM461 Biochemistry 1.

- A minimum grade of C- in MAT251 Calculus I is required to enroll in MAT252 Calculus II and in PHY201 General Physics 1.

## Biology (BA) Program Learning Outcomes

Students who successfully complete the BA program in Biology will be able to:

- Understand fundamental biological principles.
- Collect data, present data appropriately, and analyze data.
- Apply information from cognate courses to their biology coursework (and vice versa).
- Solve problems related to course material.
- Interact with and learn from scientists actively engaged in research.
- Demonstrate experience with modern lab and field techniques and technology.
- Work collaboratively.
- Think quantitatively.

## Biology (BS) Program Learning Outcomes

Students who successfully complete the BS program in Biology will be able to:

- Understand fundamental biological principles.
- Collect data, present data appropriately, and analyze data.
- Apply information from cognate courses to their biology coursework (and vice versa).
- Solve problems related to course material.
- Interact with and learn from scientists actively engaged in research.
- Demonstrate experience with modern lab and field techniques and technology.
- Work collaboratively.
- Think quantitatively.
- Learn about current and future directions in research.

- [Biology \(BA Degree Track\)](#) (p. 152)
- [Cellular Biology \(BS Degree Track\)](#) (p. 153)
- [Environmental Biology \(BS Degree Track\)](#) (p. 154)
- [Integrative Biology \(BS Degree Track\)](#) (p. 154)
- [Organismal Biology \(BS Degree Track\)](#) (p. 155)
- [Minor in Biology](#) (p. 155)

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## Biology (BA Degree Track)

(56 credits, plus an approved minor - typically 18-22 credits - or second major)

Code	Title	Credits
<b>Core Requirements (23 Credits)</b>		
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab <sup>1</sup>	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab <sup>1</sup>	4
BIO320 & BIO321	Genetics and Genetics Lab <sup>2</sup>	4
BIO322	Evolution <sup>2</sup>	3
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab <sup>3</sup>	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab <sup>3</sup>	4
Participation in Lecture Series (6 hours)		0
<b>Biology Electives (25 Credits)</b>		
Upper-division (300-level or above) Biology or selected Biochemistry courses and/or BIO296 Departmental Elective, with at least 3 credits in each of the following categories:		25
Environmental Biology:		
BIO301	Field Biology Fall	
BIO340	Ecology	
BIO425	Plant Ecophysiology	
BIO440	Freshwater Biology	
BIO445	Ornithology	
Evolution & Diversity of Life:		
BIO305	Plant Morphology	
BIO307	Comparative Vertebrate Anatomy	
BIO360	Virology	
BIO370	Animal Physiology	
BIO412	Evolutionary Theory	
BIO418	Animal Behavior	
BIO435	Entomology	
BIO446	Cellular Evolution	
Architecture of Life:		
BIO311	Developmental Plant Anatomy	
BIO350	General Microbiology	
BIO358	Molecular Biology	
BIO359	Cell Biology	
BIO388	Biological Chemistry	
BIO413	Developmental Biology	
BIO444	Nucleic Acid Technologies	
BIO448	Host-Microbe Coevolution	
BIO451	Capstone Microbiology	

BCM360	Protein Structure and Function	
BCM461	Biochemistry I	
Capstone:		
BIO4xx	Any 400-level Biology course	
<b>Cognate Requirements (8 Credits)</b>		
Select 8 credits of the following:		8
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	
CPS104	Visual Programming	
CPS210	Computer Science I: Foundations	
CPS310	Computer Science II: Data Structures	
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	
GLG202	Historical Geology	
MAT241	Introduction to Statistics	
MAT251	Calculus I	
MAT252	Calculus II	
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	
PHY221 & PHY211	Fundamental Physics 1 and Physics 1 Laboratory	
PHY222 & PHY232	Fundamental Physics II and Fundamental Physics 2 Lab	
<b>Total Credits</b>		<b>56</b>

<sup>1</sup> BIO201 General Biology I /BIO211 Gen Bio 1 Lab and BIO202 General Biology II /BIO212 Gen Bio 2 Lab must be taken in sequence. A minimum grade of C- is required in BIO201 General Biology I and BIO202 General Biology II .

<sup>2</sup> A minimum grade of C- in BIO320 Genetics is required to advance to most upper-division biology courses (300 and above).

<sup>3</sup> A minimum grade of C- is required to advance from CHE201 General Chemistry I to CHE202 General Chemistry II and from CHE202 General Chemistry II to CHE318 Organic Chemistry I .

**Additional considerations for admission to medical, dental and veterinary schools:** Contact the [Pre-Health Advisor \(adaird@newpaltz.edu\)](mailto:adaird@newpaltz.edu) for information.

## Cellular Biology (BS Degree Track)

(72 credits)

Code	Title	Credits
<b>Core Requirements (23 Credits)</b>		
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab <sup>1</sup>	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab <sup>1</sup>	4
BIO320 & BIO321	Genetics and Genetics Lab <sup>2</sup>	4
BIO322	Evolution <sup>2</sup>	3

CHE201 & CHE211	General Chemistry I and General Chemistry I Lab <sup>3</sup>	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab <sup>3</sup>	4
Participation in Lecture Series (6 hours)		0

### Required Concentration Courses (8 Credits)

BIO358	Molecular Biology	4
BIO359	Cell Biology	4

### Concentration Electives (17 Credits)

Select 17 credits of the following: 17

Architecture of Life (at least 7 credits):		
BIO311	Developmental Plant Anatomy	
BIO350	General Microbiology	
BIO388	Biological Chemistry	
BIO413	Developmental Biology	
BIO444	Nucleic Acid Technologies	
BIO448	Host-Microbe Coevolution	
BIO451	Capstone Microbiology	
BCM360	Protein Structure and Function	
BCM461	Biochemistry I	
BCM463	Biochemistry Lab	
BCM470	Biochemistry 2	

Capstone: Select at least 6 credits, including at least 3 credits in 400-level Architecture of Life courses (BIO4xx)

### Cognate Requirements (24 Credits)

CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	4
MAT251	Calculus I	4
MAT252	Calculus II	4
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4

**Total Credits** 72

<sup>1</sup> BIO201 General Biology I /BIO211 Gen Bio 1 Lab and BIO202 General Biology II /BIO212 Gen Bio 2 Lab must be taken in sequence. A minimum grade of C- is required in BIO201 General Biology I and BIO202 General Biology II .

<sup>2</sup> A minimum grade of C- in BIO320 Genetics is required to advance to most upper-division biology courses (300 and above).

<sup>3</sup> A minimum grade of C- is required to advance from CHE201 General Chemistry I to CHE202 General Chemistry II and from CHE202 General Chemistry II to CHE318 Organic Chemistry I .

### Additional considerations for admission to graduate programs in biology:

It is important that students interested in graduate study be able to demonstrate undergraduate research experience. You should begin to explore research options during your sophomore year.

**Additional considerations for admission to medical, dental and veterinary schools:** Contact the [Pre-Health Advisor \(adaird@newpaltz.edu\)](mailto:adaird@newpaltz.edu) for information.

## Environmental Biology (BS Degree Track)

(72 credits)

Code	Title	Credits
<b>Core Requirements (23 Credits)</b>		
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab <sup>1</sup>	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab <sup>1</sup>	4
BIO320 & BIO321	Genetics and Genetics Lab <sup>2</sup>	4
BIO322	Evolution <sup>2</sup>	3
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab <sup>3</sup>	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab <sup>3</sup>	4
Participation in Lecture Series (6 hours)		0
<b>Required Concentration Courses (8 Credits)</b>		
BIO340	Ecology	4
BIO348	Biological Statistics	4
<b>Concentration Electives (17 Credits)</b>		
Select 17 credits of the following:		17
Environmental Biology (at least 7 credits):		
BIO301	Field Biology Fall	
BIO425	Plant Ecophysiology	
BIO440	Freshwater Biology	
BIO445	Ornithology	
GEO321	Geography of Soils	
GEO341	Introduction to Geographic Information Systems	
Capstone: Select at least 6 credits, including at least 3 credits in 400-level Environmental Biology courses (BIO4xx)		
<b>Cognate Requirements (24 Credits)</b>		
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	4
MAT251	Calculus I	4
MAT252	Calculus II	4
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
<b>Total Credits</b>		<b>72</b>

<sup>1</sup> BIO201 General Biology I /BIO211 Gen Bio 1 Lab and BIO202 General Biology II /BIO212 Gen Bio 2 Lab must be taken in sequence. A minimum grade of C- is required in BIO201 General Biology I and BIO202 General Biology II .

<sup>2</sup> A minimum grade of C- in BIO320 Genetics is required to advance to most upper-division biology courses (300 and above).

<sup>3</sup> A minimum grade of C- is required to advance from CHE201 General Chemistry I to CHE202 General Chemistry II and from CHE202 General Chemistry II to CHE318 Organic Chemistry I .

**Additional considerations for admission to graduate programs in biology:** It is important that students interested in graduate study be able to demonstrate undergraduate research experience. You should begin to explore research options during your sophomore year.

**Additional considerations for admission to medical, dental and veterinary schools:** Contact the [Pre-Health Advisor \(adaird@newpaltz.edu\)](mailto:adaird@newpaltz.edu) for information.

## Integrative Biology (BS Degree Track)

(72 credits)

Code	Title	Credits
<b>Core Requirements (23 Credits)</b>		
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab <sup>1</sup>	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab <sup>1</sup>	4
BIO320 & BIO321	Genetics and Genetics Lab <sup>2</sup>	4
BIO322	Evolution <sup>2</sup>	3
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab <sup>3</sup>	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab <sup>3</sup>	4
Participation in Lecture Series (6 hours)		0
<b>Concentration Electives (25 Credits)</b>		
Select 25 credits of the following:		25
Environmental Biology (at least 3 credits):		
BIO301	Field Biology Fall	
BIO340	Ecology	
BIO425	Plant Ecophysiology	
BIO440	Freshwater Biology	
BIO445	Ornithology	
Evolution & Diversity of Life (at least 3 credits):		
BIO305	Plant Morphology	
BIO307	Comparative Vertebrate Anatomy	
BIO360	Virology	
BIO370	Animal Physiology	
BIO412	Evolutionary Theory	
BIO418	Animal Behavior	
BIO435	Entomology	
BIO446	Cellular Evolution	
Architecture of Life (at least 3 credits):		
BIO311	Developmental Plant Anatomy	
BIO350	General Microbiology	
BIO358	Molecular Biology	
BIO359	Cell Biology	
BIO388	Biological Chemistry	
BIO413	Developmental Biology	
BIO444	Nucleic Acid Technologies	

BIO448	Host-Microbe Coevolution	
BIO451	Capstone Microbiology	
Capstone: Select at least 6 credits, including any 400-level Biology course (BIO4xx)		
<b>Cognate Requirements (24 Credits)</b>		
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	4
MAT251	Calculus I	4
MAT252	Calculus II	4
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
<b>Total Credits</b>		<b>72</b>

- <sup>1</sup> BIO201 General Biology I /BIO211 Gen Bio 1 Lab and BIO202 General Biology II /BIO212 Gen Bio 2 Lab must be taken in sequence. A minimum grade of C- is required in BIO201 General Biology I and BIO202 General Biology II .
- <sup>2</sup> A minimum grade of C- in BIO320 Genetics is required to advance to most upper-division biology courses (300 and above).
- <sup>3</sup> A minimum grade of C- is required to advance from CHE201 General Chemistry I to CHE202 General Chemistry II and from CHE202 General Chemistry II to CHE318 Organic Chemistry I .

**Additional considerations for admission to graduate programs in biology:** It is important that students interested in graduate study be able to demonstrate undergraduate research experience. You should begin to explore research options during your sophomore year.

**Additional considerations for admission to medical, dental and veterinary schools:** Contact the [Pre-Health Advisor \(adaird@newpaltz.edu\)](mailto:adaird@newpaltz.edu) for information.

## Organismal Biology (BS Degree Track)

(72 credits)

Code	Title	Credits
<b>Core Requirements (23 Credits)</b>		
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab <sup>1</sup>	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab <sup>1</sup>	4
BIO320 & BIO321	Genetics and Genetics Lab <sup>2</sup>	4
BIO322	Evolution <sup>2</sup>	3
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab <sup>3</sup>	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab <sup>3</sup>	4
Participation in Lecture Series (6 hours)		0
<b>Required Concentration Courses (8 Credits)</b>		
BIO307	Comparative Vertebrate Anatomy	4

BIO348	Biological Statistics	4
<b>Concentration Electives (17 Credits)</b>		
Select 17 credits of the following:		17
Evolution & Diversity of Life (at least 7 credits):		
BIO305	Plant Morphology	
BIO360	Virology	
BIO370	Animal Physiology	
BIO412	Evolutionary Theory	
BIO418	Animal Behavior	
BIO435	Entomology	
BIO446	Cellular Evolution	
ANT302	Human Osteology	
GLG305	Paleontology	
Capstone: Select at least 6 credits, including at least 3 credits in 400-level Evolution & Diversity of Life courses (BIO4xx)		
<b>Cognate Requirements (24 Credits)</b>		
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	4
MAT251	Calculus I	4
MAT252	Calculus II	4
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
<b>Total Credits</b>		<b>72</b>

- <sup>1</sup> BIO201 General Biology I /BIO211 Gen Bio 1 Lab and BIO202 General Biology II /BIO212 Gen Bio 2 Lab must be taken in sequence. A minimum grade of C- is required in BIO201 General Biology I and BIO202 General Biology II .
- <sup>2</sup> A minimum grade of C- in BIO320 Genetics is required to advance to most upper-division biology courses (300 and above).
- <sup>3</sup> A minimum grade of C- is required to advance from CHE201 General Chemistry I to CHE202 General Chemistry II and from CHE202 General Chemistry II to CHE318 Organic Chemistry I .

**Additional considerations for admission to graduate programs in biology:** It is important that students interested in graduate study be able to demonstrate undergraduate research experience. You should begin to explore research options during your sophomore year.

**Additional considerations for admission to medical, dental and veterinary schools:** Contact the [Pre-Health Advisor \(adaird@newpaltz.edu\)](mailto:adaird@newpaltz.edu) for information.

## Minor in Biology

(18 credits)

Code	Title	Credits
<b>Required Courses (8 Credits)</b>		
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab	4



**Additional Biology Requirements (10 Credits)**

Select at least 10 upper-division credits, by advisement.	10
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<b>Total Credits</b>	<b>18</b>
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Biology also contributes to the university's interdisciplinary minors in [Environmental Science](#) (p. 166), [Environmental Studies](#) (p. 70), and [Evolutionary Studies](#) (p. 71).

## Chemistry

**Phone:** (845) 257-3790

**Location:** Coykendall Science Building Room 105

**Web address:** [www.newpaltz.edu/chemistry](http://www.newpaltz.edu/chemistry)

The Department of Chemistry offers undergraduate liberal arts programs leading to Bachelor of Arts (BA) and Bachelor of Science (BS) degrees in Chemistry. Within these programs, students may choose from three concentrations:

1. general chemistry
2. American Chemical Society (ACS)-approved chemistry, and
3. biochemistry emphasis.

The general chemistry and ACS-approved chemistry curricula share the same core courses that provide theoretical and hands-on education in the major areas of chemistry. Students are able to combine a general chemistry major with pre-law, business, or teaching programs. This concentration, with selected courses in biology, can prepare students for medical school entrance requirements. Preparation for a non-laboratory career in chemistry could include management or marketing courses offered by the Business program at New Paltz.

The American Chemical Society's Committee on Professional Training includes New Paltz's Department of Chemistry on its list of approved departments. This approval is equivalent to professional accreditation of the liberal arts curriculum. The ACS-approved curriculum builds on the general chemistry core and requires additional advanced courses. A student who obtains an ACS-approved degree is eligible for employment as a chemist in industry or government. The ACS-approved program also prepares students for graduate study and for professional training in medicine, dentistry, and veterinary medicine. Course offerings allow chemistry majors to obtain a broad background in several areas of chemistry.

The biochemistry emphasis is designed for the student interested in biochemistry or health-related sciences requiring a substantial background in chemistry. This program provides excellent preparation for health professional training, as well as for graduate study in clinical chemistry, physiology, and medicinal chemistry. Students take core courses in chemistry and biology and complete the year-long biochemistry sequence.

In addition to these major programs, a minor in Chemistry is available.

Prospective chemistry majors should consult with the department chair as soon as possible after admission to SUNY New Paltz and plan to take MAT251 Calculus I, CHE201 General Chemistry I and CHE211 General Chemistry I Lab in the fall semester of their freshman year.

The Departments of Chemistry and Biology also offer an [interdisciplinary major in Biochemistry](#) (p. 149) leading to a Bachelor of Science degree.

**Minimum grade requirements:**

- A minimum grade of C- is required to advance from CHE201 General Chemistry I to CHE202 General Chemistry II, from CHE202 General Chemistry II to CHE318 Organic Chemistry I, and from CHE318 Organic Chemistry I to CHE319 Organic Chemistry II.
- A minimum grade of C- in CHE319 Organic Chemistry II is required to enroll in BCM461 Biochemistry I.
- A minimum grade of C- is required to advance from BIO201 General Biology I to BIO202 General Biology II and from BIO202 General Biology II to BIO320 Genetics.
- A minimum grade of C- in MAT251 Calculus I is required to enroll in MAT252 Calculus II and in PHY201 General Physics I.

## Chemistry (BA, BS) Program Learning Outcomes

Students who successfully complete a degree in Chemistry will be able to:

- Demonstrate a qualitative understanding of both atomic and molecular structure including shell structure, chemical bonding and the shapes of molecules.
- Understand trends in the periodic table, such as size and reactivity.
- Apply their knowledge of the concepts of quantitative chemical analysis and its relationship to experimental measurements and analyze the associated experimental error from each measurement.
- Derive mathematical relationships that are used to explain the chemical and physical processes of both macroscopic and molecular systems.
- Gain understanding of the chemical and physical properties of biomolecules.
- Extend and apply knowledge learned from courses in chemistry to areas outside the field.
- Demonstrate experience in chemistry research, having worked with a faculty mentor.
- Demonstrate experience in and knowledge of modern chemical instrumentation and laboratory techniques.
- Perform experiments following standard and more open-ended protocols.
- Search and interpret articles from scientific journals.
- Develop proficiency at writing scientific reports and/or delivering oral presentations based on experimental results and/or scientific subjects.
- [Major in Chemistry \(General Degree\)](#) (p. 157)
- [Chemistry \(ACS approved curriculum\)](#) (p. 157)
- [Chemistry \(Biochemistry Emphasis\)](#) (p. 158)
- [Minor in Chemistry](#) (p. 158)

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## Major in Chemistry (General Degree)

54 credits

Code	Title	Credits
<b>Required Chemistry Courses (35 Credits)</b>		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
CHE303	Introduction to Analytical Chemistry	4
CHE314	Inorganic Chemistry	3
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	4

CHE321	Physical Chemistry I <sup>1</sup>	3
CHE322	Physical Chemistry II <sup>1</sup>	3
CHE323	Experimental Physical Chemistry	3
BCM461	Biochemistry 1 (or a 400- or 500-level Chemistry course approved by the chair)	3
<b>Required Cognate Courses (19 Credits)</b>		
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT341	Applied Mathematics I	3
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
<b>Total Credits</b>		<b>54</b>

<sup>1</sup> CHE321 and CHE322 have a corequisite 0-credit Physical Chemistry Recitation (CHE320).

## Chemistry (ACS approved curriculum)

66 credits

Code	Title	Credits
<b>General Chemistry Core (47 Credits)</b>		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
CHE303	Introduction to Analytical Chemistry	4
CHE314	Inorganic Chemistry	3
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	4
CHE321	Physical Chemistry I <sup>1</sup>	3
CHE322	Physical Chemistry II <sup>1</sup>	3
CHE323	Experimental Physical Chemistry	3
BCM461	Biochemistry 1 (or a 400- or 500-level Chemistry course approved by the chair)	3
CHE415	Advanced Inorganic Chem Lab	1
CHE407	Instrumental Techniques	4
BCM461	Biochemistry 1 (unless taken with core courses above)	3
BCM463	Biochemistry Lab	1
CHE490	Senior Research in Chemistry	3
Chemistry Elective: One additional semester of advanced work selected from 400- and 500-level courses in chemistry. <sup>2</sup>		3
<b>Required Cognate Courses (19 Credits)</b>		
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT341	Applied Mathematics I	3
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4

PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
<b>Total Credits</b>		<b>66</b>

<sup>1</sup> CHE321 and CHE322 have a corequisite 0-credit Physical Chemistry Recitation (CHE320).

<sup>2</sup> CHE495 Indep Study Chemistry and CHE494 Fieldwork In Chemistry do not meet this requirement.

## Chemistry (Biochemistry Emphasis)

73 credits

Code	Title	Credits
<b>General Chemistry Core (42 Credits)</b>		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
CHE303	Introduction to Analytical Chemistry	4
CHE314	Inorganic Chemistry	3
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	4
CHE321	Physical Chemistry I <sup>1</sup>	3
CHE322	Physical Chemistry II <sup>1</sup>	3
CHE323	Experimental Physical Chemistry	3
BCM461	Biochemistry 1 (or a 400- or 500-level Chemistry course approved by the Chair.)	3
Select 7 credits of the following:		7
BCM461	Biochemistry 1 (unless taken with core courses above)	
BCM463	Biochemistry Lab	
BCM470	Biochemistry 2	
CHE490	Senior Research in Chemistry	
<b>Required Cognate Courses (31 Credits)</b>		
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT341	Applied Mathematics I	3
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab	4
BIO320 & BIO321	Genetics and Genetics Lab	4
<b>Total Credits</b>		<b>73</b>

<sup>1</sup> CHE321 and CHE322 have a corequisite 0-credit Physical Chemistry Recitation (CHE320).

## Minor in Chemistry

17-20 credits

Code	Title	Credits
<b>Required Chemistry Courses (8 Credits)</b>		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
<b>Required Elective Courses (9-12 Credits)</b>		
Select three of the following:		9-12
CHE303	Introduction to Analytical Chemistry	
CHE314	Inorganic Chemistry	
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	
CHE321	Physical Chemistry I <sup>1</sup>	
CHE322	Physical Chemistry II <sup>1</sup>	
CHExxx	Course in Chemistry not having Physical Chemistry as prerequisite	
<b>Total Credits</b>		<b>17-20</b>

<sup>1</sup> CHE321 and CHE322 have a corequisite 0-credit Physical Chemistry Recitation (CHE320).

## Computer Science

**Phone:** (845) 257-3990

**Location:** Science Hall 253

**Web address:** [www.newpaltz.edu/compsci](http://www.newpaltz.edu/compsci)

The Department of Computer Science offers undergraduate programs that lead to Bachelor of Arts (BA) and Bachelor of Science (BS) degrees. (A Master of Science degree is also available and described in detail in the [Graduate Catalog](#).) At New Paltz, Computer Science majors learn all of the fundamentals needed to be a future self-learner. With small class sizes, personal attention from renowned scholars, and collaborations with industry, every computer science student has the opportunity to work with current technology in an environment where project work and skills development are emphasized. The major prepares students for graduate study or high-level professional employment in the computer and information technology industries. The Department also offers a minor in Computer Science that gives students the background to use the computer in other disciplines.

Supplementing the computer and information technology resources available throughout campus, the Department of Computer Science maintains several specialized computer laboratories. Computer science students use these resources and gain experience working with current hardware, operating systems, and programming languages.

A minimum grade of C- is required for any course to satisfy Computer Science major and minor requirements. Courses graded pass/fail may not be used to satisfy major or minor requirements.

Please note that some Computer Science courses have a prerequisite Math Placement Level (MPL). Consult [Mathematics](#) (p. 170) for information concerning MPLs.

## Computer Science (BA, BS) Program Learning Outcomes

Students who successfully complete a Computer Science degree will be able to:

- Demonstrate skill in programming in several high-level languages, assembly language, machine language, and microcode.
- Learn new programming languages without formal instruction.
- Design and analyze algorithms.
- Design a new programming language and write a compiler or interpreter for it.
- Apply object-oriented programming and software engineering principles.
- Design and implement digital circuits.
- Understand the structure and operation of a modern operating system.
- Understand theoretical computer science concepts, such as the Turing machines and automata and computability theory.
- Understand the fundamentals of at least one of these laboratory sciences: physics, chemistry, biology, or geology.
- Understand continuous and discrete mathematical structures relevant to computing.
- [Major in Computer Science](#) (p. 159)
- [Minor in Computer Science](#) (p. 160)

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## Major in Computer Science

(63 credits)

Code	Title	Credits
<b>Required Computer Science Courses (40 Credits)</b>		
CPS210	Computer Science I: Foundations <sup>1</sup>	4
CPS310	Computer Science II: Data Structures	4
CPS315	Computer Science III	4
CPS330	Assembly Language and Computer Architecture	4
CPS340	Operating Systems	4
CPS352	Object Oriented Programming	3
CPS353	Software Engineering	3
CPS415	Discrete and Continuous Computer Algorithms	3
CPS425	Language Processing	4
Capstone: Select one of the following to pair with CPS485:		3
CPS440	Database Principles	
CPS470	Computer Communication Networks	
CPS493	Computer Science Selected Topic (by advisement)	
<b>and</b>		
CPS485	Projects	4
<b>Required Mathematics Courses (11 Credits)</b>		
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT320	Discrete Mathematics for Computing	3
<b>Required Science Courses (8 Credits)</b>		
Select one of the following groups:		8
Chemistry:		
CHE201	General Chemistry I	
CHE211	General Chemistry I Lab	
CHE202	General Chemistry II	
CHE212	General Chemistry II Lab	
Physics:		

PHY201	General Physics 1	
PHY211	Physics 1 Laboratory	
PHY202	General Physics 2	
PHY212	General Physics 2 Lab	
Biology:		
BIO201	General Biology I	
BIO211	Gen Bio 1 Lab	
BIO202	General Biology II	
BIO212	Gen Bio 2 Lab	
Geology:		
GLG201	Physical Geology	
GLG211	Physical Geology Laboratory	
One 4-credit Geology course with Physical Geology as a prerequisite		
<b>Required Engineering Courses (4 Credits)</b>		
EGC220	Digital Logic Fundamentals	3
EGC221	Digital Logic Lab	1
<b>Total Credits</b>		<b>63</b>

<sup>1</sup> A grade of B- or better in CPS210 Computer Science I: Foundations is required to progress to CPS310 Computer Science II: Data Structures .

## Minor in Computer Science

(16 credits)

Code	Title	Credits
<b>Required Computer Science Course (4 Credits)</b>		
CPS210	Computer Science I: Foundations	4
<b>Computer Science Electives (9 Credits)</b>		
Complete at least three (3) upper-division (300/400-level) Computer Science courses with the prior approval of an advisor from the department. <sup>1</sup>		9
<b>Mathematics Elective (3 Credits)</b>		
Complete at least one (1) Mathematics course at the 200-level or above <sup>2</sup>		3
<b>Total Credits</b>		<b>16</b>

<sup>1</sup> Elective Computer Science courses must include at least two that are not required in the student's major.

<sup>2</sup> Except MAT240 Mathematics for Elementary School Teachers II

## Digital Design & Fabrication

Digital Design & Fabrication (DDF) represents a unique partnership between the Schools of Fine & Performing Arts and Science & Engineering aimed at preparing students to conceptualize and design for 21st-century manufacturing.

DDF programs combine Fine & Performing Arts' expertise in design with Science & Engineering's expertise in materials science to introduce students to design theory, aesthetics, 3D modeling skills, and material properties and constraints, while applying analytical approaches to problem solving. An undergraduate minor, described here, and a [Master of Arts \(MA\) program](#), offer an interdisciplinary curriculum that encourages

research and communication across fields to provide students with a foundation in design thinking for a modern world.

Computer-aided design classes are augmented with specialized courses covering computer programming and the use of open-source microprocessor boards, providing students with an understanding of the application and the technological aspects of emerging processes and materials. The minor culminates with a design course focused on the application of human-centered design for the manufacture of functional products that address real-world problems.

## Student Learning Outcomes

Successful completion of the minor in Digital Design & Fabrication will enable students to:

- Develop proficiency in 3D CAD Modeling and the ability to apply those skills to design;
- Cultivate a knowledge of manufacturing and fabrication processes, both advanced and traditional, and the ability to blend the two;
- Understand the application of computational processes in art and design for developing new tools and systems, form finding, and a medium of expression;
- Develop a design methodology that uses adaptive and iterative problem-solving strategies to reach solutions throughout the design process;
- Implement novel technological solutions bridging the liminal space between digital and physical systems.

For DDF program information, contact:

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## Digital Design & Fabrication Team

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- [Minor in Digital Design & Fabrication](#) (p. 160)

## Minor in Digital Design & Fabrication

(18-19 credits)

A grade of C or better is required to earn credit toward the Digital Design & Fabrication minor.



Code	Title	Credits
<b>Required Introductory Courses (6 Credits)</b>		
DDF205	Computer Aided Design I	3
DDF210	Computer Aided Design II	3
<b>Required Intermediate Courses (9 Credits)</b>		
DDF220	Introduction to Computation for Media	3
DDF305	Advanced 3D Printing	3
DDF310	Introduction to Designing with Microprocessors	3
<b>Elective (3-4 Credits)</b>		
Select one of the following:		3-4
Any DDF course		
Any art studio course at the 200 level or above		
EGM221	Engineering Materials	
EGE200 & EGE201	Circuit Analysis and Circuits Laboratory	
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	
<b>Total Credits</b>		<b>18-19</b>

## Engineering Programs

**Phone:** 845-257-3720

**E-mail:** [engineering@newpaltz.edu](mailto:engineering@newpaltz.edu)

**Location:** Resnick Engineering Hall Room 114

**Web address:** [www.engr.newpaltz.edu](http://www.engr.newpaltz.edu)

The Division of Engineering Programs offers high-quality Bachelor of Science degree programs in Computer Engineering, Electrical Engineering, and Mechanical Engineering, all of which are accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org>. We also offer a minor in Engineering and an accelerated program through which students may earn a bachelor's degree in Computer Engineering or Electrical Engineering and a master's degree in Electrical Engineering in five years. For more information about the accelerated BS/MS programs, please refer to the [Graduate Catalog](#).

Computer, electrical and mechanical engineering continue to be growth areas due to rapidly changing technologies and expanding industrial needs. New Paltz's programs are designed to meet these needs, both generally and within the Mid-Hudson Valley, specifically. Each program includes a General Education experience, foundation coursework in math, science and engineering concepts, required core courses, and technical electives. Design is emphasized throughout the curriculum. These components ensure that students develop and refine discipline-specific knowledge and skills and engage in opportunities to apply their knowledge to engineering problems using the tools and techniques of modern engineering practice. The General Education component complements students' engineering education and encourages them to understand engineering roles in a broader context.

The flexibility of the engineering curricula serves full- and part-time students, traditional and non-traditional students, and students new to engineering as well as those who have some experience in technical areas. Our students benefit from quality facilities, small classes and labs, close interaction with faculty with real-world experience, and opportunities for research and internships with industry partners. Students acquire the cultural, social, and communication skills that only a liberal arts college can provide and graduate fully prepared for the engineering profession of today and tomorrow.

### Departmental Academic Policies

- Students may not enroll in any engineering course unless all prerequisites have been met with a grade of C- or better.
- Students must earn a grade of C- or better in any course that is used to satisfy engineering major requirements. (See [Major in Mechanical Engineering](#) (p. 164) for limited exceptions to this minimum grade requirement.)
- Except for Fieldwork (EGC494 Fieldwork Computer Engin or EGE494 Fieldwork Engineering or EGM494 Fieldwork Mechanical Engineering), courses taken on a Satisfactory/Unsatisfactory basis cannot be applied toward engineering major requirements.
- Non-engineering students may not enroll in engineering or engineering-related courses other than EGG101 Introduction to Engineering Science and EGG321 Technical Communication. Exceptions are frequently granted for EGE200 Circuit Analysis, EGE201 Circuits Laboratory, EGC220 Digital Logic Fundamentals, and EGC221 Digital Logic Lab. Permission to register in any of these courses<sup>1</sup> must be obtained from the Division of Engineering Programs prior to registration.
- Admission of transfer students is based on transcript review, detailed comparison with SUNY New Paltz foundation requirements, and consultation with an advisor from the Division of Engineering Programs. SUNY publishes [additional information for transfer students](#), along with [designated "transfer paths" for engineering and other academic programs](#).

**Please note:** Our program is designed to be completed in four (4) years if students begin the math sequence with Calculus I.

<sup>1</sup> Permission is not required for Computer Science students to register for EGC220 Digital Logic Fundamentals and EGC221 Digital Logic Lab.

## Computer Engineering (BS), Electrical Engineering (BS), and Mechanical Engineering (BS): Program Learning Outcomes

All undergraduate (BS) engineering programs have adopted [ABET](#) Criterion 3 (a)-(k) as their guiding outcomes. Students who successfully complete the Computer Engineering, Electrical Engineering, or Mechanical Engineering major will be able to:

- Apply knowledge of mathematics, science and engineering.
- Design and conduct experiments, as well as analyze and interpret data.
- Design a system, component, or process to meet desired needs within realistic constraints, such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- Function on multi-disciplinary teams.
- Identify, formulate, and solve engineering problems.
- Understand professional and ethical responsibility.
- Communicate effectively.
- Demonstrate the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
- Recognize the need for, and be able to engage in, life-long learning.

- Demonstrate knowledge of contemporary issues.
- Use the techniques, skills, and modern engineering tools necessary for engineering practice.

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- [Major in Electrical Engineering](#) (p. 163)
- [Major in Mechanical Engineering](#) (p. 164)
- [Minor in Engineering](#)
- [Digital Design & Fabrication](#) (p. 160)

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## Major in Computer Engineering

(100 credits)

- *Students majoring in Engineering follow a modified General Education program based on the New Paltz GE program in effect at the time of matriculation. In all cases, modifications meet or exceed SUNY's minimum General Education requirement and are reflected in students' progress reports.*
- *A minimum of 124 credits is required to complete the Bachelor's degree in Computer Engineering.*
- *Students may not enroll in any engineering course unless all prerequisites have been met with a grade of C- or better.*
- *Students are required to earn a grade of C- or better in any course that is used to satisfy Computer Engineering major requirements.*

Code	Title	Credits
<b>Math/Science Foundation Courses (40 Credits)</b>		
Mathematics (20 credits):		
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT320	Discrete Mathematics for Computing	3
MAT359	Ordinary Differential Equations	3
MAT362	Linear Algebra	3
MAT380	Applied Probability and Statistics	3
Computer Science (8 credits):		
CPS210	Computer Science I: Foundations <sup>1</sup>	4
CPS310	Computer Science II: Data Structures	4
Physics (8 credits):		

PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4

Chemistry or Biology (4 credits):

Select one of the following:		4
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	

#### Core Engineering Courses (48 Credits)

EGG101	Introduction to Engineering Science	3
EGC251	C/C++ Programming	3
EGC220	Digital Logic Fundamentals	3
EGC221	Digital Logic Lab	1
EGE200	Circuit Analysis	3
EGE201	Circuits Laboratory	1
EGC331 & EGC332	Microcontroller System Design and Microcontroller Laboratory	4
EGC320	Digital Systems Design	3
EGE320	Electronics I	3
EGE322	Electronics I Laboratory	1
CPS353	Software Engineering	3
EGC433	Embedded Systems	3
EGC442	Introduction to Computer Architecture	3
EGC445 & EGC446	VLSI Design and VLSI Design Lab	4
EGC455	Design and Verification of System on Chip	3
EGG321	Technical Communication	3
EGG408	Senior Design Project I <sup>2</sup>	2
EGG409	Sr Design Project 2 <sup>2</sup>	2

#### Technical Electives (12 Credits)

Twelve credits of technical electives are required, which must include 12 at least one upper-division electrical (EGE), computer (EGC), and/or mechanical (EGM) engineering lecture course. <sup>3</sup>

**Total Credits** **100**

<sup>1</sup> A grade of B- or better in CPS210 Computer Science I: Foundations is required to progress to CPS310 Computer Science II: Data Structures.

<sup>2</sup> Seniors must register for EGG408 Senior Design Project I and EGG409 Sr Design Project 2 during each of the last two semesters preceding their graduation. A single project under the direction of a single faculty member will be spread over the two semesters. This project should provide a meaningful engineering design experience and should draw on the student's cumulative technical background.

<sup>3</sup> Technical electives may also include any 300/400/500-level computer science, physics, and math courses. Students must obtain the approval of their advisor prior to registering for the courses. Pre-approved engineering graduate courses may be used as undergraduate technical electives.

• Students majoring in Engineering follow a modified General Education program based on the New Paltz GE program in effect at the time of matriculation. In all cases, modifications meet or exceed SUNY's minimum General Education requirement and are reflected in students' progress reports.

• A minimum of 124 credits is required to complete the Bachelor's degree in Electrical Engineering.

• Students may not enroll in any engineering course unless all prerequisites have been met with a grade of C- or better.

• Students are required to earn a grade of C- or better in any course that is used to satisfy Electrical Engineering major requirements.

Code	Title	Credits
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#### Math/Science Foundation Courses (33 Credits)

Mathematics (21 credits):

MAT251	Calculus I	4
MAT252	Calculus II	4
MAT353	Calculus III	4
MAT359	Ordinary Differential Equations	3
MAT362	Linear Algebra	3
MAT380	Applied Probability and Statistics	3

Physics (8 credits):

PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4

Chemistry or Biology (4 credits)

Select one of the following: 4

CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	

#### Core Engineering Courses (52 Credits)

EGG101	Introduction to Engineering Science	3
EGC220	Digital Logic Fundamentals	3
EGC221	Digital Logic Lab	1
EGC251	C/C++ Programming	3
EGE200	Circuit Analysis	3
EGE201	Circuits Laboratory	1
EGE311	Signals and Systems	3
EGE331	Computer Simulation	3
EGE340	Applied Electromagnetics	3
EGC331	Microcontroller System Design	3
EGC332	Microcontroller Laboratory	1
EGE320	Electronics I	3
EGE322	Electronics I Laboratory	1
EGE350	Electric Energy Systems	3
EGE351	Electric Energy Systems Laboratory	1
EGE321	Electronics II	3
EGE323	Electronics II Laboratory	1
EGE416	Control Systems	3
EGM211	Statics	3
or EGM331	Thermodynamics	
EGG321	Technical Communication	3

## Major in Electrical Engineering

(100 credits)

EKG408	Senior Design Project I <sup>1</sup>	2
EKG409	Sr Design Project 2 <sup>1</sup>	2

**Electrical Engineering Technical Electives (15 Credits)**

Fifteen credits of technical electives are required, which must include at least one upper-division electrical (EGE), computer (EGC), and/or mechanical (EGM) engineering lecture course. <sup>2</sup>

**Total Credits** **100**

<sup>1</sup> Seniors must register for EKG408 Senior Design Project I and EKG409 Sr Design Project 2 during each of the last two semesters preceding their graduation. A single project under the direction of a single faculty member will be spread over two semesters and should provide a meaningful engineering design experience and draw on the student's cumulative technical background.

<sup>2</sup> Technical electives may also include certain upper-division computer science, physics, and math courses. Students must obtain the approval of their advisor prior to registering for the courses. Pre-approved engineering graduate courses may be used as undergraduate technical electives.

## Major in Mechanical Engineering

(101 credits)

- Students majoring in Engineering follow a modified General Education program based on the New Paltz GE program in effect at the time of matriculation. In all cases, modifications meet or exceed SUNY's minimum General Education requirement and are reflected in students' progress reports.
- A minimum of 125 credits is required to complete the Bachelor's degree in Mechanical Engineering.
- Students may not enroll in any engineering course unless all prerequisites have been met with a grade of C- or better.
- Students are required to earn a grade of C- or better in any Math/Science Foundation, Core Engineering, or Core Mechanical Engineering course and a grade of D- or better in any Advanced Mechanical Engineering course used to satisfy Mechanical Engineering major requirements.

Code	Title	Credits
<b>Math/Science Foundation Courses (33 Credits)</b>		
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT353	Calculus III	4
MAT359	Ordinary Differential Equations	3
MAT362	Linear Algebra	3
MAT380	Applied Probability and Statistics	3
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
<b>Core Engineering Courses (17 Credits)</b>		
EGG101	Introduction to Engineering Science	3
EGC251	C/C++ Programming	3
EGE200 & EGE201	Circuit Analysis and Circuits Laboratory	4

EGE331	Computer Simulation	3
EKG408	Senior Design Project I <sup>1</sup>	2
EKG409	Sr Design Project 2 <sup>1</sup>	2

**Core Mechanical Engineering Courses (24 Credits)**

EGM211	Statics	3
EGM212	Dynamics	3
EGM213	Dynamics Laboratory	1
EGM221	Engineering Materials	3
EGM311	Kinematics of Machines	3
EGM322	Mechanics of Materials	3
EGM323	Materials Lab	1
EGM331	Thermodynamics	3
EGM332	Fluid Mechanics	3
EGM333	Thermo-Fluids Lab	1

**Advanced Mechanical Engineering Courses (27 Credits)**

EGM302	Intro to Finite Element Analysis	3
EGM312	System Dynamics	3
EGM334	Heat Transfer	3
EGM335	Thermo System Design	3
or EGM336	HVAC	
EGM340	Mechanical Measurements	3
Professional Electives <sup>2</sup>		12

**Total Credits** **101**

<sup>1</sup> Seniors must register for EKG408 Senior Design Project I and EKG409 Sr Design Project 2 during each of the last two semesters preceding their graduation. A single project under the direction of a single faculty member will be spread over the two semesters. This project should provide a meaningful engineering design experience and should draw on the student's cumulative technical background.

<sup>2</sup> Professional electives must be chosen from the Division of Engineering Programs' list of approved courses or from its upper-division (300- or 400-level) course offerings. Students must meet all necessary prerequisite coursework and obtain their advisor's approval prior to taking any Professional Elective.

## Environmental Science

**Phone:** (845) 257-3760

**Location:** Science Hall, Room 105

**Web address:** [www.newpaltz.edu/envscience](http://www.newpaltz.edu/envscience)

Environmental Science is an interdisciplinary undergraduate program leading to a Bachelor of Science degree. The program is administered by the Department of Geology and focuses on the environmental aspects of geology, chemistry and biology. Through formal courses, laboratories, and research projects, students develop an awareness of the geological, chemical and biological processes that impact society and the environment. Both a major and a minor in Environmental Science are offered.

In the major program, a sophomore-level survey course, EGS370 Introduction to Environmental Science & Engineering, draws on the foundation courses to bring together a truly interdisciplinary view of environmental science. Students will see how the different sciences must be combined to understand and address environmental problems. Particular emphasis will be placed on the roles of chemistry, geology,

and environmental engineering. In the senior year, students will engage in a full-year Senior Research Project under the supervision of a faculty mentor or an experienced regional scientist. During the spring term of the senior year, oral presentations of student research projects will be made in a Senior Seminar. This seminar will also feature guest scientists who will relate their own work in environmental science.

The EGS major program is a rigorous four-year sequence in science and mathematics, so it is essential that interested students seek advising early in their college studies. First-year students should take GLG201 Physical Geology and GLG211 Physical Geology Laboratory, CHE201 General Chemistry I and CHE211 General Chemistry I Lab, and MAT251 Calculus I in their first semester, followed by PHY201 General Physics 1 and PHY211 Physics 1 Laboratory, CHE202 General Chemistry II and CHE212 General Chemistry II Lab, and MAT252 Calculus II in their second semester.

Transfer students should complete the above first-year requirements before entering SUNY New Paltz and should additionally take one year of calculus-based physics, a course in statistics, a laboratory course in historical geology, and organic chemistry.

Students must earn a grade of C- or better in all courses required for the Environmental Science major or minor.

This information is provided as a resource for students to aid in selecting a major or degree track. Students should, however, obtain a current plan of study form and consult with an advisor before selecting a program or enrolling in coursework. Complete advising guidelines may be obtained from the Department of Geology or by consultation with the Director of the Environmental Science program, Prof. Shafiul Chowdhury ([chowdhus@newpaltz.edu](mailto:chowdhus@newpaltz.edu), (845) 257-2618).

## Environmental Science (BS) Program Learning Outcomes

Students who successfully complete the Environmental Science program will be able to:

- Demonstrate mastery of the fundamental knowledge areas related to solving environmental problems: geology, chemistry and, to some extent, biology.
- Demonstrate competency in the supporting fields of physics, chemistry, biology, geography, and mathematics, particularly as related to the environmental sciences.
- Read and interpret topographic, geologic, and other maps and demonstrate map-making skills.
- Perform basic wet chemistry techniques, particularly with regard to standard and sample planning and preparation.

Successful students develop skills in the following areas:

### Research

- Understand and use the scientific method to conduct research; critically evaluate scientific work.
- Observe, describe, and identify environmental problems in different land-use settings using field data collection techniques and scientific methodologies.
- Acquire information resources from scientific journals, environmental databases, internet resources, and other primary sources.

- Apply quantitative methods for problem solving, data analysis, and model formulation.
- Work independently and collaboratively on scientific problems.

### Technical Skills

- Use a variety of geochemical field equipment for data collection.
- Use common geological, chemical and biological laboratory instruments and techniques.
- Perform quantitative data analysis and interpretation using computers.

### Communication

- Effectively communicate technical findings and conclusions through written reports using formats and styles required for scientific writing.
- Deliver oral presentations in a professional style.
- Use maps, three-dimensional diagrams, and other imagery to communicate factual information and concepts.

### Learning

- Demonstrate a regional and global understanding of the earth, including tectonic, historical, environmental, and resource management aspects and their relationship to the human experience.
- Identify and describe environmental problems in different land-use settings by applying scientific knowledge, observational techniques, the ability to synthesize, and the ability to communicate effectively.
- Engage in group field excursions involving the scientific study and aesthetic appreciation of the geo-environmental aspects of our world.

- [Major in Environmental Science](#) (p. 166)
- [Minor in Environmental Science](#) (p. 166)

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## Major in Environmental Science

(71-74 credits)

**Note:** Students must earn a grade of C- or better in all courses required for the Environmental Science major. See the Geology Department's *Advising Guidelines* for additional information.

Code	Title	Credits
<b>Geology Courses (15 Credits)</b>		
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	4
GLG303	Geomorphology	4
GLG339	Natural Resources and Energy	3
GLG407	Hydrogeology	4
<b>Chemistry Courses (20 Credits)</b>		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4

CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
CHE303	Introduction to Analytical Chemistry	4
CHE407	Instrumental Techniques	4

#### Environmental Science Courses (15 Credits)

EGS370	Introduction to Environmental Science & Engineering	4
EGS475	Environmental Sciences Research Project 1	3
EGS477	Senior Seminar in Environmental Science	1
GLG311 or BIO340	Mineralogy and Crystallography Ecology	4
GLG346 or GEO431	Environmental Impact Assessment Natural Resources: Utilization and Management	3

#### Cognate Courses (15-16 Credits)

GEO341	Introduction to Geographic Information Systems	4
MAT251	Calculus I	4
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
MAT241 or MAT252	Introduction to Statistics Calculus II	3-4

#### Electives (6-8 Credits)

Select a minimum of two (2) courses from the following:		6-8
BCM461 & BCM463	Biochemistry 1 and Biochemistry Lab	
BIO293	Biology Selected Topic	
BIO301	Field Biology Fall	
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	
CHE321	Physical Chemistry I	
EGG250	Energy and the Environment	
EGS476	Environmental Science Research Project 2	
GEO343	Remote Sensing	
GLG331	Stratigraphy-Sedimentation	
GLG405	Structure and Tectonics	
GLG509	Water Resources Management	
Selected topic courses by advisement		

**Total Credits**

**71-74**

## Minor in Environmental Science

(22-24 credits)

This minor targets students with a primary interest in the physical sciences and an inclination to learn about environmental issues. Students completing this program will have made substantial progress toward fulfilling the requirements for majoring in Environmental Science, Chemistry or Geology.

It is strongly recommended that students consult with the director of the Environmental Science program, Prof. Shafiul Chowdhury ([chowdhus@newpaltz.edu](mailto:chowdhus@newpaltz.edu), (845) 257-2618).

Students must earn a grade of C- or better in all courses required for the Environmental Science minor.

Code	Title	Credits
<b>Core Courses (16 Credits)</b>		
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	4
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
EGS370	Introduction to Environmental Science & Engineering	4
<b>Elective Courses (6-8 Credits)</b>		
Select two of the following:		6-8
GLG303	Geomorphology	
GLG311	Mineralogy and Crystallography	
GLG339	Natural Resources and Energy	
GLG346	Environmental Impact Assessment	
GLG407	Hydrogeology	
EGS475	Environmental Sciences Research Project 1	
EGS476	Environmental Science Research Project 2	
EGS477	Senior Seminar in Environmental Science	
CHE303	Introduction to Analytical Chemistry	
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	
BIO340	Ecology	
GEO341	Introduction to Geographic Information Systems	
GLG509	Water Resources Management	
Selected-topic courses by advisement		
<b>Total Credits</b>		<b>22-24</b>

## Geology

**Phone:** (845) 257-3760

**Location:** Science Hall 113

**Web address:** [www.newpaltz.edu/geology](http://www.newpaltz.edu/geology)

The Department of Geology offers three undergraduate degree programs: Bachelor of Arts (BA) and Bachelor of Science (BS) programs in Geology and a BS degree program in Environmental Science<sup>1</sup>. Through coursework, fieldwork, and research projects, students in all Geology programs develop an awareness of the geological processes that shape planet Earth and their impact on society and the environment. Furthermore, the BS degree in Geology is licensure qualifying: its coursework meets the education requirements for Professional Geologist licensure in New York State. (For more information about eligibility for Professional Geologist licensure, visit the [New York State Education Department's Office of the Professions](#).)

Two concentrations are available to students majoring in Geology. The general geology concentration is recommended for those contemplating graduate or professional work in geology. The environmental geoscience concentration offers a strong geology background with an environmental emphasis, suitable for environmental consulting or positions in environment-related governmental agencies. The Geology major is interdisciplinary and requires courses in geology and cognate areas<sup>2</sup>. It is important that all students seek advising early so they can complete the major on time. Students are responsible for familiarizing themselves with the Geology program's requirements, working out the details of their plan of study with their advisor's aid and seeking the advisor's approval

of elective courses before taking the courses. Additional advising information is available in the department office.

Elementary education (B-6) and secondary education (7-12) concentrations in Earth Science are offered at both the undergraduate and graduate levels. In addition, an accelerated [BA Geology/MAT Adolescence Education: Earth Science](#) program enables students to earn two degrees and initial teaching certification in five years. The undergraduate B-6 and 7-12 Earth Science programs are described in the [School of Education section of this catalog](#) (p. 115). A minor in geology is available for those majoring in other fields<sup>3</sup>.

Students must earn a grade of C- or better in all courses required for the geology major or minor.

<sup>1</sup> The [BS program in Environmental Science](#) (p. 164) is an interdisciplinary major that emphasizes the environmental aspects of geology, chemistry and biology. The Environmental Science major is described in greater detail elsewhere in this catalog.

<sup>2</sup> For any of the geology programs, first-year students should take GLG201 Physical Geology and GLG211 Physical Geology Laboratory in the fall semester, followed by GLG202 Historical Geology in the spring. CHE201 General Chemistry I and CHE211 General Chemistry I Lab, CHE202 General Chemistry II and CHE212 General Chemistry II Lab and MAT251 Calculus I should also be taken in the freshman year. It is also possible to begin the major in the sophomore year with proper advising. Transfer students should complete as many of the cognate requirements as possible before entering New Paltz. Ideally, one year each of college chemistry, physics, and calculus should be completed in addition to a one-year laboratory sequence in geology (physical and historical geology).

<sup>3</sup> For non-majors interested in geology, or those considering a geology minor, the recommended sequence is GLG201 Physical Geology and GLG211 Physical Geology Laboratory, followed by GLG202 Historical Geology.

## Honor's Research

Honor's Research is for students who wish to conduct a specialized research project at the undergraduate level. Students who plan on obtaining an M.A. or Ph.D. are advised to enroll in this course if they satisfy the prerequisites. Honor's Research is a very good means of letting the student, as well as faculty at New Paltz and other schools, identify whether or not he or she is suited for graduate work.

In order to enroll in GLG491 Honor's Research a student must maintain a cumulative average of at least 3.00 and be recommended by a geology faculty sponsor and the department chair. Guidelines for research projects are available in the department office and should be carefully read prior to meeting with the department chair to discuss the program.

## Sigma Gamma Epsilon

[Sigma Gamma Epsilon](#) is the National Honor Society for the Earth Sciences. The Theta Beta Chapter was established at SUNY New Paltz by the students and faculty of the Department of Geology in 2012. Membership in SGE recognizes scholarship and professionalism in the Earth Sciences. Its objectives are the scholastic, scientific, and professional advancement of its members and the extension of relations of friendship and assistance among colleges and universities which are devoted to the advancement of the Earth Sciences. Any New Paltz student who has completed at least 10 units in Earth Science courses

and has maintained a minimum GPA (3.0 in GLG courses and 2.7 overall) is qualified for membership.

For more information, contact Chapter Advisor Dr. Frederick W. Vollmer at [vollmerf@newpaltz.edu](mailto:vollmerf@newpaltz.edu). ([vollmerf@newpaltz.edu](mailto:vollmerf@newpaltz.edu).)

## Geology (BA, BS) Program Learning Outcomes

Students who successfully complete the Geology program will be able to:

- Demonstrate mastery of the fundamental knowledge areas in the geological sciences.
- Read and interpret topographic, geologic, and other maps, and demonstrate map-making skills.
- Acquire competency in the supporting fields of physics, chemistry and mathematics, particularly as related to the geological sciences.

Successful students develop skills in the following areas:

### Research

- Understand and use the scientific method to conduct research; critically evaluate scientific work.
- Observe, describe and interpret geologic samples, outcrops and regions using field data collection techniques and scientific methodologies.
- Acquire information resources from scientific journals, geologic databases, internet resources, and other primary sources.
- Apply quantitative methods for problem solving, data analysis, and model formulation.
- Work independently and collaboratively on scientific problems.

### Technical skills

- Use a variety of geological field equipment for data collection.
- Use common geological laboratory instruments and techniques.
- Perform quantitative data analysis and interpretation using computers.

### Communication

- Effectively communicate technical findings and conclusions through written reports using formats and styles required for scientific writing.
- Give oral presentations in a professional style.
- Use maps, three-dimensional diagrams, and other imagery to communicate factual information and concepts.

### Learning

- Demonstrate a regional and global understanding of the earth, including tectonic, historical, environmental, and resource management aspects and their relationship to the human experience.
- Describe and interpret a geologic outcrop, demonstrating facility in applying scientific knowledge, observational techniques, the ability to synthesize, and the ability to communicate effectively.
- Engage in group field excursions involving the scientific study and aesthetic appreciation of the geological aspects of our world.

- [Major in Geology](#) (p. 168)
- [Minor in Geology](#) (p. 169)
- [Environmental Science](#) (p. 164)

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## Major in Geology

Students must earn a grade of C- or better in all courses required for the Geology major.

## General Track

(59-60 credits)

Code	Title	Credits
<b>Geology Core (24 Credits)</b>		
GLG201	Physical Geology	3
GLG211	Physical Geology Laboratory	1
GLG202	Historical Geology	4
GLG311	Mineralogy and Crystallography	4

GLG314	Petrology	4
GLG331	Stratigraphy-Sedimentation	4
GLG405	Structure and Tectonics	4
<b>Geological Science Courses (12 Credits)</b>		
GLG303	Geomorphology	4
or GLG305	Paleontology	
GLG407	Hydrogeology	4
GLG435	Field Geology	4
<b>Cognate Courses (23-24 Credits)</b>		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
MAT251	Calculus I	4
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
MAT241 or MAT252	Introduction to Statistics (by advisement) or Calculus II	3-4
Select one of the following by advisement:		4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	
PHY222 & PHY232	Fundamental Physics II and Fundamental Physics 2 Lab	
<b>Total Credits</b>		<b>59-60</b>

Recommended courses<sup>1</sup>:

Code	Title	Credits
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab	4
CPS210	Computer Science I: Foundations	4
GEO341	Introduction to Geographic Information Systems	4

<sup>1</sup> It is recommended that students who plan to do graduate or professional work in geology take a six-week field geology camp in the summer following their final semester at New Paltz.

## Environmental Geoscience Track

(58-59 credits)

Code	Title	Credits
<b>Geology Core (24 Credits)</b>		
GLG201	Physical Geology	3
GLG211	Physical Geology Laboratory	1
GLG202	Historical Geology	4
GLG311	Mineralogy and Crystallography	4
GLG314	Petrology	4
GLG331	Stratigraphy-Sedimentation	4
GLG405	Structure and Tectonics	4
<b>Geological Science Courses (11 Credits)</b>		
GLG339 or GLG346	Natural Resources and Energy or Environmental Impact Assessment	3
GLG303	Geomorphology	4

GLG407	Hydrogeology	4
<b>Cognate Courses (23-24 Credits)</b>		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
MAT251	Calculus I	4
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
MAT241 or MAT252	Introduction to Statistics (by advisement) or Calculus II	3-4
Select one of the following by advisement:		4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	
PHY222 & PHY232	Fundamental Physics II and Fundamental Physics 2 Lab	
<b>Total Credits</b>		<b>58-59</b>

Recommended courses:

Code	Title	Credits
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab	4
CPS210	Computer Science I: Foundations	4
GEO441	Geographic Information Systems Applications	4

## Minor in Geology

(18 credits)

Students must earn a grade of C- or better in all courses required for the Geology minor.

Code	Title	Credits
<b>Required Courses (8 Credits)</b>		
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	4
GLG202	Historical Geology	4
<b>Elective Courses (10 Credits)</b>		
Select a minimum of ten credits from the following:		10
<b>Geology Courses:</b>		
GLG305	Paleontology	
GLG311	Mineralogy and Crystallography	
GLG313	Optical Mineralogy	
GLG314	Petrology	
GLG331	Stratigraphy-Sedimentation	
GLG405	Structure and Tectonics	
<b>Environmental Geoscience Courses:</b>		
GLG120	Weather and Environment	
GLG205	Environmental Geology	
GLG339	Natural Resources and Energy	
GLG346	Environmental Impact Assessment	
<b>Total Credits</b>		<b>18</b>

The college also offers an interdisciplinary [minor in Environmental Science](#) (p. 166), described elsewhere in this catalog.

## Mathematics

**Phone:** (845) 257-3532

**Location:** Faculty Office Building E-2

**Web address:** [www.newpaltz.edu/math](http://www.newpaltz.edu/math)

The Department of Mathematics offers undergraduate majors in Mathematics (BA or BS) and Adolescence Education: Mathematics (BA or BS) as well as Mathematics concentrations in Early Childhood & Childhood Education (BS) and Early Childhood Studies (BS). Also available is an [accelerated BS Mathematics-MAT Adolescence Education: Mathematics program](#) through which students may earn bachelor's and master's degrees in five years.

Graduates with the Mathematics major go on to do graduate work in mathematics and other fields requiring strong quantitative and reasoning skills. Those graduating from the Adolescence Education program have a depth of knowledge that underlies the courses they will teach. Early Childhood & Childhood Education majors go on to become mathematics specialists within the primary schools. (See [Adolescence Education](#) (p. 115) and [Early Childhood & Childhood Education](#) (p. 121) for details about these programs.) Minors in Mathematics and Applied Mathematics are also offered.

Those interested in any of these programs are invited to request a faculty advisor in the Department of Mathematics. Upon completion of MAT251 Calculus I or MAT252 Calculus II with a grade of B- or better, a student may declare the Mathematics or Adolescence Education: Mathematics major. To declare the Mathematics concentrations in Early Childhood & Childhood Education or Early Childhood Studies, students must complete MAT251 Calculus I or MAT260 Introduction to Proof with a grade of B- or better. A letter grade of at least C- is required to count a course toward any mathematics major or as a prerequisite for another mathematics course.

**Math Placement Levels (MPLs):** All incoming first-year students will receive a Math Placement Level (MPL) based on their [ALEKS PPL](#) assessment. All incoming transfer students will receive a Math Placement Level (MPL) as part of the admissions process. The transfer student MPL is determined by previously taken mathematics courses and, if applicable, standardized test scores including New York State Regents exams and SAT/ACT exams. Students will be notified of their MPL at their freshman or transfer orientation session. Math prerequisites are strictly enforced at SUNY New Paltz. Current students can raise their MPL by earning C- or better in specific math courses. See the table below for more detailed information.

### Summary of Math Placement Levels and What They Mean:

ALEKS % score	Will assign an MPL of:	Math courses you are eligible to take <sup>1</sup> (those with a prerequisite less than or equal to your MPL)
0-45	2	MAT120 College Mathematics - recommended if majoring in the liberal or fine arts  MAT121 College Mathematics with Supplemental Algebra Workshop - recommended if majoring in math, science, engineering or business

46-60	3	MAT152 College Algebra - recommended if going on in math  MAT140 Mathematics for Elementary School Teachers I / MAT240 Mathematics for Elementary School Teachers II - for early childhood and childhood education students only  MAT142 Paths & Graphs, MAT143 Mathematics in the Modern World, MAT145 Statistics & Public Policy - any of these courses will meet the GE Math requirement
61-79	4	MAT171 Mathematical Methods for Business - for business majors only  MAT181 Precalculus  MAT241 Introduction to Statistics
80-100	5	MAT251 Calculus I  MAT260 Introduction to Proof

<sup>1</sup> Always consult your advisor to choose course(s) since many majors have specific requirements for mathematics. Students can raise their MPL by earning C- or better in the math courses listed.

## Mathematics (BA, BS) Program Learning Outcomes

Students who successfully complete the Mathematics major will be able to:

- Reliably perform numeric and symbolic computations [computation].
- Construct and apply standard symbolic and graphical representations of mathematical objects [representation].
- Estimate, approximate, and check results for reasonableness [estimation].
- Construct appropriate mathematical models for real-world problems [modeling].
- Communicate mathematical content orally and in writing with proficiency [communication].
- Read and comprehend a mathematical argument, identifying any flaws in its reasoning [comprehension].
- State and apply mathematical definitions and theorems [definitions].
- Write formal mathematical proofs [proving].
- Use abstraction and generalization to make, test, and revise mathematical hypotheses [hypothesizing].
- Apply their mathematical knowledge to a novel situation [novelty].
- Think independently and creatively [independence].
- Use techniques from different fields of mathematics [breadth].

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- [Minor in Mathematics](#) (p. 172)
- [Minor in Applied Mathematics](#) (p. 172)

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## Major in Mathematics

(53-61 credits)

Code	Title	Credits
<b>Required Mathematics Courses (36 Credits)</b>		
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT260	Introduction to Proof	3
MAT303	Foundations of Analysis	3
MAT304	Foundations of Algebra	3
MAT353	Calculus III	4
MAT359	Ordinary Differential Equations	3
or MAT341	Applied Mathematics I	
MAT362	Linear Algebra	3
MAT381	Probability and Statistics I	3
MAT431	Real Analysis I	3
MAT441	Abstract Algebra I	3
<b>Elective Courses (9 Credits)</b>		
Select 9 credits from the following upper-division courses: <sup>1</sup>		9
MAT310	Number Theory	
MAT331	Axiomatic Geometry	
MAT332	Modern Geometry	
MAT342	Applied Mathematics II	
MAT354	Calculus IV	
MAT363	Combinatorics	
MAT375	Numerical Methods	
MAT382	Probability and Statistics II	
MAT393	Math Selected Topic	
MAT432	Real Analysis II	
MAT442	Abstract Algebra II	
MAT483	Actuarial Mathematics	
MAT488	Partial Differential Equations	
MAT490	Research in Mathematics	
MAT493	Math Selected Topic	
MAT495	Indep Study Math	

### Required Science Sequence (8 Credits)

Select one of the following: 8

Option 1

PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	
Option 2		
CPS210 & CPS310	Computer Science I: Foundations and Computer Science II: Data Structures	
Total Credits		53

<sup>1</sup> These courses may not be used to fulfill the upper-division elective requirement: MAT320 Discrete Mathematics for Computing , MAT341 Applied Mathematics I, MAT359 Ordinary Differential Equations , MAT380 Applied Probability and Statistics, MAT399 Modular Course.

Code	Title	Credits
Additional science sequence, by advisement (6-8 Credits)		
Select one of the following GE Natural Science sequences:		6-8
Option 1		
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab	
Option 2		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	
Option 3		
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	
GLG202	Historical Geology	
Option 4		
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	
or, if GE Natural Science is complete, select one of these sequences:		
Option 5		
CPS210 & CPS310	Computer Science I: Foundations and Computer Science II: Data Structures	
Option 6		
ECO206 & ECO207	Principles of Microeconomics and Principles of Macroeconomics	

## Minor in Mathematics

(20-21 credits)

At least half of the credits for this minor must be from courses not used as part of the student’s major.

Code	Title	Credits
Required Courses (11 Credits)		
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT260	Introduction to Proof	3

Electives (9-10 Credits)		
Select three (3) upper-division mathematics electives of the following: <sup>1</sup>		9-10
MAT310	Number Theory	
MAT331	Axiomatic Geometry	
MAT332	Modern Geometry	
MAT341 or MAT359	Applied Mathematics I Ordinary Differential Equations	
MAT342	Applied Mathematics II	
MAT354	Calculus IV	
MAT363	Combinatorics	
MAT375	Numerical Methods	
MAT382	Probability and Statistics II	
MAT393	Math Selected Topic	
MAT432	Real Analysis II	
MAT442	Abstract Algebra II	
MAT483	Actuarial Mathematics	
MAT488	Partial Differential Equations	
MAT490	Research in Mathematics	
MAT493	Math Selected Topic	
MAT495	Indep Study Math	
Total Credits		20-21

<sup>1</sup> These courses may not be used to fulfill the upper-division elective requirement: MAT320 Discrete Mathematics for Computing , MAT380 Applied Probability and Statistics, MAT399 Modular Course.

## Minor in Applied Mathematics

(20-21 credits)

At least half of the credits for this minor must be from courses not used as part of the student’s major.

Code	Title	Credits
Required Courses (8 Credits)		
MAT251	Calculus I	4
MAT252	Calculus II	4
Electives (12-13 Credits)		
Select four (4) mathematics electives from the following:		12-13
MAT241	Introduction to Statistics	
MAT341	Applied Mathematics I	
MAT342	Applied Mathematics II	
MAT353	Calculus III	
MAT354	Calculus IV	
MAT359	Ordinary Differential Equations	
MAT362	Linear Algebra	
MAT375	Numerical Methods	
MAT381	Probability and Statistics I	
MAT382	Probability and Statistics II	
MAT393	Math Selected Topic	
MAT488	Partial Differential Equations	
MAT490	Research in Mathematics	
MAT493	Math Selected Topic	

MAT495      Indep Study Math

Total Credits

20-21

## Physics & Astronomy

Phone: (845) 257-3740

Location: Science Hall 113

Web address: [www.newpaltz.edu/physics](http://www.newpaltz.edu/physics)

The Department of Physics & Astronomy offers majors and minors in both physics and astronomy, serves a variety of other majors in the sciences and education, and offers general education courses to a wide range of students.

The Physics major leads to a Bachelor of Arts (BA) or Bachelor of Science (BS) degree and provides a broad base of fundamentals while also giving students the opportunity to get specialized training. Two-semester introductory courses that survey physics, chemistry, and calculus are followed by courses covering classical and modern physics, computational physics, and applied mathematics, among other subjects. The capstone experience is a senior project. Interested students may pursue topics of special interest through independent study, working closely with an advisor to plan what's best for each student's situation.

The 49-credit astronomy major leads to a Bachelor of Arts (BA) degree. Astronomy is a field that captures the popular imagination. Many of us are eager to explore the science of stars, galaxies, and the solar system and to extend our understanding of the physical nature of the universe. The study of astronomy engages this natural curiosity about the cosmos while strengthening the student's scientific and technological literacy. Students have ample opportunity to study one or more other academic areas and may choose to declare a second major or a minor in a field that supports their career goals.

## Astronomy (BA) Program Learning Outcomes

Students who successfully complete the Astronomy major will be able to:

- Demonstrate knowledge of night-sky astronomy, historical astronomy, solar-system astronomy, planetary astronomy, stellar astronomy, solar physics, high-energy astrophysics, interstellar medium, galactic astronomy, extragalactic astronomy, cosmology, relativistic astrophysics, astrobiology, exoplanets, observational astronomy, classical physics, electromagnetic theory, modern physics, optics.
- Demonstrate the following skills:
  - Understand and interpret graphical information.
  - Present scientific information graphically, orally and in writing
  - Use standard computational and analytical tools available to astronomers.
  - Solve problems using physics knowledge and mathematical methods.
  - Laboratory skills: Make measurements and collect data; independently design an experiment; independently analyze the results of an experiment; assess experimental error.
  - Astronomical observing skills: Plan observing session; operate telescopes; collect observational data; analyze typical astronomical data.
- Use scientific software.
- Operate standard planetarium equipment.
- Synthesize materials from other courses.

- Critically evaluate the science of stars, galaxies, our solar system, and major astronomical theories such as the Big Bang.

## Physics (BA, BS) Program Learning Outcomes

Students who successfully complete the Physics major will be able to demonstrate knowledge of the following areas of physics:

- Classical physics: Mechanics; electromagnetic theory
- Modern physics: Relativity; old quantum theory; "new" quantum theory; particle physics
- Thermal physics: Thermodynamics; statistical physics
- Circuit theory
- Electronics
- Solid-state physics
- Optics

Successful students will also be able to demonstrate the following skills:

- Apply numerical methods.
- Write a computer program.
- Understand and interpret graphical information.
- Use application software to:
  - Produce graphs for presentation of data.
  - Produce graphs for understanding relationships.
  - Perform complex calculations, create visualizations, or control equipment.
- Present scientific information orally and in writing
- Perform the following laboratory skills:
  - Formulate research questions.
  - Make measurements and collect data.
  - Design an experiment.
  - Analyze the results of an experiment.
  - Assess experimental error.
- Use fabrication techniques (e.g., 3D printing, shop tools)
- Solve problems using physics knowledge and mathematical methods.
- Apply concepts and synthesize knowledge from prior physics coursework.

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- [Major in Physics](#) (p. 174)
- [Minor in Astronomy](#) (p. 174)
- [Minor in Physics](#) (p. 175)

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Major in Astronomy

(49 credits)

Code	Title	Credits
Required Astronomy Courses (9 Credits)		
PHY205	Exploring the Solar System	3
PHY340	Introduction to Astrophysics	3
PHY341	Observational Astronomy	3
Elective Astronomy Courses (9 Credits)		
Select 9 credits from the following:		9
PHY342	Planetarium Operation	
PHY343	Solar Physics	
PHY344	Life in the Universe	
Other courses by advisement		
Physics Courses (15 Credits)		
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
PHY306	Mechanics 1	3
PHY308	Modern Physics I	3
PHY310	Modern Physics Laboratory	1
Cognate Courses (16 Credits)		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
MAT251	Calculus I	4

MAT252	Calculus II	4
Total Credits		49

Major in Physics

(65 credits)

Code	Title	Credits
Required Physics Courses (39 Credits)		
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
PHY305	Computational Physics	3
PHY306	Mechanics 1	3
PHY307	Mechanics 2	3
PHY308	Modern Physics I	3
PHY309	Modern Physics II	3
PHY310	Modern Physics Laboratory	1
PHY313	Electricity and Magnetism	3
PHY322	Optics	3
PHY331	Quantum Physics	3
PHY422	Thermal Physics	3
PHY491	Physics Senior Project (3-6)	3
Required Cognate Courses (26 Credits)		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT353	Calculus III	4
MAT341	Applied Mathematics I	3
MAT342	Applied Mathematics II	3
Total Credits		65

Minor in Astronomy

(18 credits)

Code	Title	Credits
Physics Courses (8 Credits)		
Select one of the following:		4
PHY221 & PHY211	Fundamental Physics 1 and Physics 1 Laboratory	
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	
Select one of the following:		4
PHY222 & PHY232	Fundamental Physics II and Fundamental Physics 2 Lab	
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	
Astronomy Courses (10 Credits)		
PHY205	Exploring the Solar System	3
PHY206	Exploring the Universe	3

or PHY340	Introduction to Astrophysics	
Select at least four (4) additional credits in astronomy, by advisement. Current courses include:		4
PHY341	Observational Astronomy	
PHY342	Planetarium Operation	
PHY343	Solar Physics	
PHY344	Life in the Universe	
<b>Total Credits</b>		<b>18</b>

## Minor in Physics

(18 credits)

The Physics minor consists of ten credits in upper-division Physics courses beyond the General Physics and General Physics Lab sequence.

Code	Title	Credits
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
Select a minimum of 10 credits in upper-division Physics courses.		10
<b>Total Credits</b>		<b>18</b>

## General Studies

**Phone:** 845-257-3947

**Locations:** Old Main 127

**Web address:** <https://newpaltz.edu/online/online-degrees/bgs/>

The General Studies program is a flexible degree-completion program for individuals who have earned at least 60 college credits with a 2.5 GPA. The program can be completed through seated, hybrid, or fully online coursework. Students must earn a grade of C- or better for courses to count toward the General Studies major.

Designed for those whose original path to graduation was interrupted or redirected, this interdisciplinary Bachelor of Arts (BA) program provides an opportunity to resume college while also maximizing previous academic experience and credits earned. By exploring a few areas of inquiry, General Studies students build on their existing knowledge and expand their understanding in subjects of special interest.

**For more information about the General Studies program,** please contact:

Dr. Shala Mills

Associate Provost for Academic Planning & Learning Innovation

Offices: Old Main 127B and HAB 805B

Phone: 845-257-3550

E-mail: [millss@newpaltz.edu](mailto:millss@newpaltz.edu)

**To apply to the General Studies program,** and for information about admission as a transfer student, please visit the [Office of Undergraduate Admission](#).

## General Studies (BA) Program Learning Outcomes

Upon completion of the General Studies program, students will be able to:

1. demonstrate substantive proficiency in three of the following seven areas:
  - a. Literature & Writing
  - b. Social Sciences
  - c. Global Studies
  - d. United States Studies
  - e. Fine & Performing Arts
  - f. Environmental Literacy
  - g. General Business
2. demonstrate the ability to engage multiple perspectives;
3. access and evaluate information from a variety of sources;
4. apply knowledge and modes of inquiry across multiple disciplines;
5. create a new approach to a complex problem or question by synthesizing information through academic inquiry across multiple disciplines; and
6. communicate effectively in writing and in oral form.

With careful advisement, General Studies students structure their plan of study around three of the following seven focus areas, completing 15 credits in each (45 credits):

1. *Literature & Writing:* The Literature & Writing focus area develops students' knowledge, skills, and appreciation of the written and spoken word. "Appreciation" here means attention to aesthetic questions of genre, form, and style. These will be primarily courses in



which students read or write fiction, nonfiction, poetry, song, drama, literary criticism, journalism, and/or screenplays, but will also include courses that teach students how to analyze literature and other texts from a variety of theoretical perspectives. Although all courses in the department of English might count toward the focus area, "Literature and Writing" will also include courses from other departments that teach students how to write creatively and/or analyze literature.

2. *Social Sciences*: The social sciences include the many disciplines that use quantitative and qualitative methods of inquiry to understand the human condition, our histories, our cultures, and our institutions. This focus area includes most coursework associated with the departments of Anthropology, Asian Studies, Black Studies, Economics, Geography & Environmental Studies, History, Latin American & Caribbean Studies, Political Science and International Relations, Psychology, Sociology, and Women's, Gender, and Sexuality Studies as well as many courses in the departments of Communication, Digital Media & Journalism, Philosophy, and Religious Studies.
3. *Global Studies*: The Global Studies focus area provides students with knowledge of the world, deepening their understanding of global issues, processes, and systems as well as world histories, arts, and culture. Coursework in this focus area spans a wide range of disciplines across all five academic colleges and includes the study of arts, humanities, languages, social sciences, natural sciences, and business from an international or world perspective.
4. *United States Studies*: The United States Studies focus area provides an interdisciplinary examination of the diverse experiences and cultures within the United States, emphasizing coursework from across many departments, including Art, Art History, Black Studies, Communication, English, History, Geography & Environmental Studies, Music, Political Science, Religious Studies, Theatre Arts, and Women's, Gender, and Sexuality Studies.
5. *Fine & Performing Arts*: The School of Fine & Performing Arts offers individual majors in Art and Art Education, Art History, Music, and Theater Arts. The Fine & Performing Arts focus area offers students the opportunity to explore coursework across all four of these areas of study to gain a broad and interdisciplinary knowledge of and appreciation for the visual and performing arts.
6. *Environmental Literacy*: The Environmental Literacy focus area prepares students with a foundation in ecological and socio-political knowledge enabling them to better understand sustainability issues of our day and to develop environmentally responsible attitudes and behaviors. Coursework draws from a wide array of disciplines exploring how we understand environmental sciences, how we explore ethical and business considerations related to the environment, how we communicate with one another about the environment, and how society evaluates and responds to environmental challenges.
7. *General Business*: While the undergraduate degree programs in the School of Business focus on specific areas of Business, including Accounting, Business Analytics, Finance, Marketing, or Management, the General Business focus area offers students an interdisciplinary opportunity to explore a broad-based selection of courses across multiple areas of business as they prepare themselves for their career goals. All BUS courses can count toward the General Business focus area as well courses in other disciplines where the focus of the course is related to business skills or functions (ex: business communication). NOTE: *The General Business focus area of the General Studies major is NOT a Business degree and should not be confused with the BS General Business major. The BS General Business major*

*is available for students who qualify for admission to the School of Business and for whom a business degree is essential.*

To link their interdisciplinary studies with intellectual, career and life interests and goals, General Studies students prepare a portfolio of original works and reflective essays associated with each of their chosen focus areas. A recorded presentation of their portfolio will complete this one-credit capstone experience, BGS490 Senior Portfolio Project.

## Academic Policies

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## Academic Appeals & Appeal Procedure

The Committee on Academic Standing & Appeals is composed of seven faculty and non-voting *ex officio* representatives from the Office of Academic Advising & Center for Student Success and the Office of the Provost. The committee has the responsibility for hearing student appeals of alleged violations of academic policy and making recommendations to the Provost. A student may file a formal, written appeal before the committee only after attempting to resolve the appeal with the appropriate faculty or administrative persons. A grade appeal

must be filed no later than one calendar year after the recording of the grade being appealed.

### Appeal Procedure

The appeal system, which deals with inequitable application of academic policy, affords recourse to a student who has evidence, or believes that evidence exists, to show that an inappropriate grade has been assigned or other inappropriate formal academic action has been taken. For example, this may be a result of

- mechanical error,
- discrimination,
- a violation of published academic policy,
- allegation of academic dishonesty, or
- error in judging the quality of the student's work.

The following steps should be taken to initiate and process a grade appeal. Other kinds of academic appeals involving the application of academic policy must begin with the official whose decision the student is disputing. Whatever the nature of the case, it is imperative that the individual student recognizes the responsibility for taking the initiative in the appeal and for processing the appeal through each step of the procedure. It is the student's choice whether or not to proceed to each step of the procedure.

**Step 1** - The student must consult with the instructor concerning the problem. If a satisfactory resolution of the problem is not achieved and the student wishes to go to Step 2, the student must request a signed and dated acknowledgement of the consultation from the instructor. A handwritten note is sufficient.

**Step 2** - The student must consult with the chair of the department offering the course or director of the office administering the policy. If a satisfactory resolution of the problem does not result from this consultation and the student wishes to go to Step 3, the student must request a signed and dated acknowledgement of the consultation from the chair. A handwritten note is sufficient.

**Step 3** - The student must go to the Dean of the School or College offering the course or initiating the policy and arrange a meeting with the academic Dean. If no satisfactory resolution is achieved after consultation with the academic Dean, the student may initiate Step 4.

**Step 4** - The student should forward to the [Committee on Academic Standing & Appeals](#) ([academicstanding@newpaltz.edu](mailto:academicstanding@newpaltz.edu)) an explanatory cover letter and any pertinent documents in the student's possession.

**Step 5** - The Committee on Academic Standing & Appeals will review the material submitted by the student and will ordinarily request from the Dean additional relevant material available to the academic Dean. After due consideration of the issues, the committee will decide whether further action is justified and the nature of such action. The committee at this step may request a consultation with the student; consultation should not be considered routine. If the committee decides that no further action is justified, it will so inform the student in writing.

If the Committee on Academic Standing & Appeals deems that action other than denial of the appeal is justified, it may request consultations with any of the individuals involved in the appeal or may request any other information needed for clarification of the issues.

**Step 6** - The Committee on Academic Standing & Appeals will recommend to the Provost such action as it deems appropriate to resolve the appeal. A copy of this recommendation will be forwarded to the student.

**Step 7** - The Provost will have the ultimate authority in rendering a judgment in cases presented to him or her through the above process. The Provost may consult with whomever may be of assistance in arriving at a judicious decision. The Provost will inform the student in writing of the decision.

Students who have graduated must notify the [Office of Records & Registration](#) within one year of the official date of their graduation of any errors or pending changes in their academic record. Such changes must be in process by the time of this notification.

## Academic Integrity

Students are expected to maintain the highest standards of honesty in their college work. Cheating, forgery, and plagiarism are serious violations of academic integrity. Students found guilty of any violation of academic integrity are subject to disciplinary action, up to and including expulsion.

Ignorance of the academic integrity policies does not constitute a defense. It is the student's responsibility to understand and to adhere to this policy.

## Definitions

Cheating is defined as giving or obtaining information by improper means when meeting any academic requirements. The reuse for academic credit of the same work in more than one course without knowledge or consent of the instructor(s) is a form of cheating and is a serious violation of academic integrity.

Forgery is defined as the alteration of college forms, documents, or records, or the signing of such forms or documents by someone other than the proper designee.

Plagiarism is the representation, intentional or unintentional, of someone else's words, ideas, or images as one's own. Since works are the property of an author or publisher, plagiarizing is a form of larceny punishable by fine. When using another person's words in a paper, students must place them within quotation marks or clearly set them off in the text and give appropriate citation. When students use only the ideas and change the words, they must clearly identify the source of the ideas with appropriate citation. Plagiarism, whether intentional or unintentional, is a violation of the property rights of the author plagiarized and of the implied assurance by the students when they hand in work that it is their own.

## Course-based Integrity Violations

For course-based integrity violations, faculty members are responsible for

1. compiling appropriate evidence materials (the course syllabus, assignment, and evidence of the academic integrity violation) and
2. making the initial determination of the grade for the assignment and any additional academic penalty to be imposed based on the degree of severity of violation.

In general, academic penalties include reprimand, failure on the individual assignment, resubmission of the assignment, additional work for the course, or a failing grade in the course.

The grade for the assignment and the academic penalty are generally within the faculty member's decision-making purview. A penalty that

includes potential failure for the course requires the review and approval of the divisional dean.

In any case in which a faculty member seeks to render a penalty that exceeds a reprimand the faculty member must inform the student in writing of the alleged violation and penalty. This communication should occur at the time that the graded assignment is returned to the students in the class. From the date that the assignment is returned to the class (or the student has been informed of the integrity violation), then a student charged with an integrity violation has ten (10) business days to appeal to the divisional dean.

If the faculty member seeks to impose a penalty that includes failure for the course, then the faculty member should consult with the department chair and dean prior to any communication with the student or otherwise inform the student that an additional academic penalty may be levied after consultation with the divisional dean.

No later than three (3) business days after notifying a student of any alleged course-based integrity violation, the faculty member must communicate in writing to the Department chair and divisional dean the nature of the violation, the penalty imposed, and provide copies of the evidence materials.

After reviewing the materials submitted by the faculty member, the divisional dean will write a letter to the student that confirms the integrity violation and the penalty; this letter will be copied to the faculty member, the department chair, the director of Student Conduct & Community Standards, and the Provost. In those instances in which the penalty calls for failure in the course, the divisional dean will render the final decision as to whether course failure is warranted, and will communicate this decision in writing to the student, copying the faculty member, the department chair, the director of Student Conduct & Community Standards, and the Provost.

Per the procedure outlined in the undergraduate catalog, a student electing to appeal the divisional dean's decision has ten (10) business days from the date of the notification letter to submit an appeal to the Committee on Academic Standing & Appeals. Students with an open academic integrity case, in which the penalty has not been finalized, or students who have been assigned a failing grade in the course due to an integrity violation are not permitted to withdraw from the class. Students who have received a lesser penalty may still withdraw under the normal withdrawal policies and deadlines. Any graduate student who seeks to appeal a decision regarding a violation of academic integrity should follow the "Graduate Appeals Procedures" outlined in the ["Graduate Academic Policies Handbook."](#)

The director of Student Conduct & Community Standards will maintain a record of any violation, consistent with New York State policy.

## Non-course Based Integrity Violations

Management of non-course based violations affecting a student's academic record or standing (for example, forgeries) is a separate policy, found in the [Student Handbook](#).

Approved by faculty on 10/20/2017; Enacted on 10/26/2017

# Academic Warning, Probation and Dismissal

Students at New Paltz are expected to maintain satisfactory levels of academic achievement and to progress towards timely degree completion and graduation. Among the requirements for graduation, a student must attain a cumulative grade point average (GPA) of 2.0. Some majors and programs may require higher GPAs either for admission to the major (or program), for specific courses within the major, or to ensure adequate completion of the major. At the close of each semester the Office of Records & Registration processes all grades, and the student's semester GPA and cumulative GPA are then used to determine whether the student is in good academic standing. A student who is not in good academic standing will be issued an academic warning, placed on academic probation, or dismissed from the university.

**Criteria.** The following criteria are used to assess a student's academic standing. Although these criteria are applied automatically, any student subject to a first-time dismissal will be invited to appeal that determination to the Committee on Academic Standing and Appeals.

After completing the *first* semester of study, any student whose semester GPA

- is below a 1.0 is placed on academic probation;
- is between a 1.0 and 2.0 receives an academic warning.

Thereafter, a student whose semester GPA

- is below a 2.0 will receive an academic warning if the student's cumulative GPA is at least a 2.0 or will be placed on academic probation if the cumulative GPA is between a 1.0 and a 1.99;
- is at least a 2.0 and whose cumulative GPA is below a 2.0 will be placed on probation;
- is below a 2.0 and whose cumulative GPA falls below a 1.0 will be dismissed.

The table below summarizes the criteria for those who have completed at least a second semester of study.

Semester	Cumulative GPA ≥ 2.0	Cumulative GPA 1.0-1.99	Cumulative GPA < 1.0
Semester GPA ≥ 2.0	Good Standing	Academic Probation	Academic Probation
Semester GPA < 2.0	Academic Warning	Academic Probation	Academic Dismissal

At the end of any *third consecutive semester on probation* a student whose cumulative GPA is not at least a 2.0 will be dismissed.

The only grades used in determining academic warning, probation or dismissal are the grades earned in courses taken at New Paltz. Any notice of academic warning or probation will appear on a student's unofficial transcript, as well as the student's progress report. Only the notice of academic dismissal will appear on a student's official transcript.

**Notification.** A notification of warning, probation, or dismissal will be sent to the student's official New Paltz email address prior to the commencement of the next semester. Any communication of probation may also set forth conditions requisite to the continuation of study at New Paltz.

**Appeals.** Neither an academic warning nor an academic probation may be appealed. However, a student may appeal to reverse a first-time dismissal. Details regarding the appeals process will be communicated to the student by email. A student who is dismissed for a *second time* may not appeal.

**Probation.** As noted above, the Committee on Academic Standing and Appeals has the right to set forth conditions on a student's probation. Students are encouraged to work with their advisors to devise an appropriate course load and to attain a balance between study and other activities.

**Dismissal.** The first time a student is dismissed they have the opportunity to appeal for a reversal of the decision. Any student whose appeal is denied or who chooses not to appeal will not be allowed to return to the university for two full semesters. A summer session is not considered a full semester, and a dismissed student may not enroll in any classes during a summer session. For example, a dismissal following the spring semester means that the student will be required to remain out for the subsequent fall, spring, and summer semesters.

A student who is dismissed for a second time will not be permitted to reapply to New Paltz.

**Readmission.** To be considered for readmission, an academically dismissed student is required to complete at least 12 credits of academic course work at another institution, with at least a 2.75 GPA.

Students who are academically dismissed but who subsequently reapply for admission must meet the college-wide requirements in force at the time of readmission. Students academically dismissed from the University are also dismissed from their major(s). Upon readmission, students must re-declare their majors and must meet the major requirements (e.g., GPA) in effect at that time. Readmission to New Paltz does not necessarily guarantee clearance for enrollment and registration, financial aid, or student health services. These clearances are based on criteria other than academic standing, including but not limited to open accounts, proof of immunization, or other unresolved business with the university.

All required documents for readmission must be received in the Office of Undergraduate Admission by these dates:

- Fall Semester – April 1<sup>1</sup>
- Spring Semester – November 1<sup>1</sup>

There is no summer readmission.

<sup>1</sup> The University reserves the right to alter due dates without prior notice.

For details about the readmission policy, please see [Readmission to New Paltz](#) (p. 190).

**EOP students.** Students who are admitted under the Educational Opportunity Program will be reviewed by the EOP Committee on Academic Standing. EOP students are subject to additional regulations relating to academic probation and dismissal. These regulations are outlined in the EOP Student Agreement Form, which EOP participants sign during their orientation sessions.

*Approved by Faculty Senate October 3, 2018*

*Approved by Provost for implementation November 30, 2018*

*Implementation effective for Spring 2019*

## Access to Educational Records Privacy Rights

SUNY New Paltz's policy regarding the rights of privacy for students and their parents is guided by the Family Educational Rights and Privacy Act (FERPA). It limits access to individual students' records to:

1. Presently or formerly enrolled students who may see their own records.
2. Selected university and government officials who need to know the information contained in a record in order to carry out their professional duties.

One exception to this is directory information. SUNY New Paltz may disclose directory information unless a student has restricted the release of this information. Directory information is information contained in an education record of a student typically released by colleges and universities nationwide. It includes, but is not limited to: name, mailing address, email address, major, dates of attendance, and degrees and awards received.

Currently enrolled students may withhold disclosure of directory information under FERPA. To withhold disclosure, students must login to [my.newpaltz.edu](http://my.newpaltz.edu) and select "My.Directory Listing" from the menu under "My.Personal Records." Students who opt to prevent disclosure of directory information should carefully consider the consequences of any decision made to withhold directory information. If a student opts out, the university will not release any information to non-institutional persons or organizations, including requests for verifications of attendance for insurance, employment or any other reason, without the express consent of the student.

Visit [Family Educational Rights and Privacy Act](#) for details regarding this policy.

## Advanced Placement (AP)

The Advanced Placement (AP) program is administered by The College Board. The program consists of a series of college-level courses taught in selected high schools throughout the country. All are full-year courses, which culminate in the administration of a nationwide Advanced Placement Examination. Quality and standards are established by college faculty who serve as consultants in each program. The State University of New York's policy requires that a student achieving a score of 3, 4 or 5 on any Advanced Placement Test receive credit at its institutions.

If a student desires to take a course for which AP credit has been granted, he/she may do so but will lose the AP credit that might have been given.

See the university's [Advanced Placement Course Equivalencies](#) for courses that have been assigned equivalency at New Paltz. Any course not listed will be evaluated for the appropriate transfer equivalent.

## Black Solidarity Day

**Whereas**, Black Solidarity Day is a national event that has taken place since 1969; and

**Whereas**, Black Solidarity Day has been celebrated at SUNY New Paltz since 1971; and

**Whereas**, approximately three hundred students participate in Black Solidarity Day each year;

and

**Whereas**, this event is always the first Monday in November; therefore be it

**Resolved**, that it is required that no tests, quizzes, or graded material of any kind should be issued or due on Black Solidarity Day, and that students who are participating in Black Solidarity Day should notify their professors beforehand, and that these students will not be held accountable for absence on Black Solidarity Day.

## Class Attendance

Attendance is expected at all classroom sessions. The taking of attendance and attendance requirements, such as the number of allowed absences in a course, are at the discretion of the individual instructor. Each student is responsible for all work presented in the classroom sessions of each course for which the student is registered. Students who absent themselves from class, therefore, do so at their own risk, and in determining a student's grade, the instructor may consider absences.

## College Level Exam Program (CLEP)

CLEP exams are offered by the College Board at test centers around the country. There are tests in many subject matter areas, but they are not connected to any preparatory course. Preparation for the tests is accomplished through independent study of texts and resources recommended by the Board. To learn more about the tests, contact CLEP at 800-257-9558 or 212-237-1331, or visit the [CLEP website](#).

The acceptable scores for CLEP examinations change over time. The university's current minimum satisfactory scores in subject tests are listed below. (Note that these may differ from what appears on CLEP's website. Note, too, that New Paltz does not honor the CLEP General Exams). Achievement of the minimum score will result in transcript credit for the equivalent course at New Paltz. CLEP tests may be taken at any time, except for the College Composition test, which must be taken prior to enrollment as a regularly admitted student.

Visit [CLEP Test Center Search](#) to find a test center near you. The following test center is closest to New Paltz:

**Dutchess Community College** (9.69 miles from New Paltz)

53 Pendell Road  
Student Services Center, Room 104  
Poughkeepsie, NY 12601  
845-790-3734

[CLEP Exams at Dutchess Community College](#)

**The following CLEP subject tests are acceptable at New Paltz.**



CLEP Subject Examination Title	Minimum Score	Corresponding Essay Credit	Remarks
<b>Biology</b>			
General Biology	50	3 credits in BIO201 + 3 credits in BIO202	Students may earn 1 additional credit in BIO211 and/or 1 additional credit in BIO212 upon departmental evaluation
<b>Business Administration</b>			
Principles of Management	47	3 credits in BUS250	not required
Intro. Business Law	51	3 credits in BUS271	not required
<b>Chemistry</b>			
General Chemistry	50	3 credits in CHE201 + 3 credits in CHE202	Students may earn 1 additional credit in CHE211 and/or 1 additional credit in CHE212 upon departmental evaluation
<b>Economics</b>			
Principles of Microeconomics	47	3 credits in ECO206	not required
Principles of Macroeconomics	48	3 credits in ECO207	not required
<b>English</b>			
College Composition	60	3 credits in ENG160	essay portion of the College Composition exam is required See footnote 1 below.
<b>History</b>			
History of the United States I	60	4 credits in HIS221	not required
History of the United States II	60	4 credits in HIS222	not required
Western Civilization II: 1648 to the Present	60	4 credits in HIS214	not required
<b>Mathematics</b>			
Calculus	55	4 credits MAT251	See footnote 2 below.

College Algebra	55	3 credits MAT152	See footnote 2 below.
Precalculus	55	4 credits MAT181	See footnote 2 below.
<b>Political Science</b>			
American Government	55	4 credits in POL216	not required
<b>Psychology</b>			
Introductory Psychology	50	3 credits in PSY101	not required
Human Growth and Development	50	3 credits in PSY241	not required
<b>Sociology</b>			
Introductory Sociology	50	3 credits SOC100	not required
<b>World Languages</b>			
College-Level French	59	3 credits in FRN201 (Intermediate French I)	Possibility of 3 additional credits in FRN202 (Intermediate French II) upon satisfactory interview at SUNY New Paltz
College-Level German	60	3 credits GER201 (Intermediate German I)	Possibility of 3 additional credits in GER202 (Intermediate German II) upon satisfactory interview at SUNY New Paltz
College-Level Spanish	63	3 credits in SPA201 (Intermediate Spanish I)	Possibility of 4 additional credits in SPA202 (Intermediate Spanish II) upon satisfactory interview at SUNY New Paltz

<sup>1</sup> Notes for use of CLEP in meeting GE 5 Communication - Written and Oral and GE4 Basic Communication requirements:

- CLEP scores must be received prior to matriculation – i.e., no later than the first day of classes of the student's first semester at New Paltz.

- If a student receives a score of 60 or above on the College Composition CLEP exam, which includes a required essay, the student may earn 3 credits in **ENG160** Composition I. Only the College Composition exam with essay can be considered; the CLEP General exams in English and the Composition Modular without an essay are not acceptable.
- **ENG160** Composition I is the prerequisite for **ENG170** Writing and Rhetoric, New Paltz's *GE 5 Communication - Written and Oral* and *GE4 Basic Communication* course.

<sup>2</sup> *Note for use of CLEP in meeting Math requirements:* Credits awarded for the courses shown may be applied as prerequisites to the next higher course.

## Course Numbering

New Paltz course numbers consist of three letters followed by three numbers. The letters represent the department or program that offers the course; the numbers signify the course level. Students who have earned fewer than 30 credits are restricted to 100- and 200-level courses, except with the instructor's permission.

- **0-99:** Open to students requiring developmental support (non-credit learning).
- **100 level (100-199):** Open to all undergraduate students.
- **200 level (200-299):** Open to all undergraduate students.
- **300 level (300-399):** Open to sophomores, juniors and seniors.
- **400 level (400-499):** Open to sophomores, juniors and seniors.
- **500 level (500-599) and above:** Open to graduate students. Qualified seniors may enroll in certain graduate courses with permission.

## Credit by Exam

SUNY New Paltz offers its students opportunities to receive credit for college-level learning gained in advanced high school courses or independent reading and study.

Credits earned by examination are generally specific equivalent credits. That is, they represent the successful completion of a SUNY New Paltz course as defined in the policies regarding the Advanced Placement (AP) program, the International Baccalaureate (IB) program and the College-Level Examination Program (CLEP). A maximum of 30 credits may be earned this way.

### The following general regulations apply:

- A student cannot take an examination that corresponds to, or stands as an equivalent to, or is at a level below a course in which he or she is enrolled or has already earned credit.
- Credit earned by examination may not be applied to the total residency credits required (30).

## Dean's List

Placement on the Dean's List in any semester is reserved for full-time students who complete 12 or more credits with a semester grade point average of 3.30 or higher, and who have no incomplete, repeat, failing or **U\*** (p. 192) grades for that semester.

## Developmental Courses

Developmental courses are basic skills courses offered by the Center for Student Success, the Department of Mathematics, and the Haggerty English Language Program (HELP)<sup>1</sup>. Developmental courses offered by the university do not carry academic credit. Therefore, they do not count toward the total degree credits required for graduation, nor do they count toward class standing. They are, however, part of a student's semester workload and will be counted toward eligibility for full-time status. Grades earned in developmental courses reflect the evaluation of the student's performance in the course. These grades, however, are not computed in either the semester grade point average or the cumulative grade point average. A specific level of performance indicated by grades in such courses may be used as a prerequisite for higher-level courses or for demonstration of proficiency.

<sup>1</sup> HELP courses offered "for academic purposes" (e.g., ESL141, ESL142, ESL143, ESL144) are not considered developmental. These courses carry academic credit and count toward the university's liberal arts and graduation requirements.

## Dropping, Adding, or Withdrawing from Courses

**Dropping, Adding, or Withdrawing From Courses** are often sensible steps to take. However, because these actions can affect progress toward degree, student status, financial aid eligibility and a host of other factors, students should always consult with their advisor(s) and other relevant student-services staff before making a change to their schedule.

Dropping or adding courses until the end of the course change period is relatively easy. Specific dates are published in each semester's Academic Calendar, but the official course change period is scheduled for the first five days of classes and may be done in person at Records & Registration or online. Dropping or adding a course does not require the written approval of the student's faculty advisor, although first-semester freshman students need to consult with Academic Advising. Courses may be added, provided that space is available in the classes, as determined by registration information. Students are responsible for printing a copy of their new course schedule to confirm the changes were made.

Students may withdraw from a course for any reason up to approximately two weeks after the mid-point of the semester. (Specific deadlines are published in the Academic Calendar: see "Last day for Course Withdrawal." Consult the Office of Records & Registration's [Course Withdrawal](#) page for more information.) *Note that students may not withdraw from INT175 Issues in the Education of Underrepresented College Students and that special permission is required for students to withdraw from BLK175 Issues in the Education of Underrepresented College Students and from ENG160 Composition I, ENG180 Composition II or their equivalents.*

Prior to withdrawing from a course, students should consult Student Accounts regarding tuition liability and financial aid considerations. *Course withdrawal requests must be initiated on or before the date designated in the Academic Calendar.* Requests are processed online as follows:

1. Students go to [my.newpaltz.edu](http://my.newpaltz.edu), select "Registration" from the Resources list, then "Course Withdrawal." They select the course from which they wish to withdraw and submit the request, which is

forwarded to the instructor. Students will receive an email confirming submission.

2. After a course withdrawal request has been submitted, the instructor receives an email directing him/her to the link to the course withdrawal workflow. The instructor reviews the request and provides the student's last date of participation.
3. Advisor(s) review the course withdrawal request. (For Composition, EOP and SMP courses, an early review is incorporated into this process, consistent with College policy.)
4. The course withdrawal process is completed in Records & Registration. Students receive an email confirming their withdrawal from the course, and the \$20 withdrawal fee is attached to the student's account.

No record of course enrollment will appear on the transcript if a course is dropped during the official course change period. After that, a grade of W will be recorded for approved withdrawals from courses. A student who never attends a course by the enrollment census deadline will be withdrawn following the enrollment census reporting date.

A student who stops attending class without following the above procedures will be considered "unofficially withdrawn" and will receive a grade of F\* in the course. Late withdrawal from a course after the deadline is rarely permitted, and only for compelling, professionally certified, non-academic reasons, such as unforeseen medical or financial problems. Such requests for late course withdrawals will not be accepted after the semester or term has ended. The late course withdrawal process starts when the student submits a request to the Office of Records & Registration.

Requests for retroactive withdrawals from all courses in a semester or term must be filed no later than one calendar year after the end of the semester or summer/winter session in which the courses were taken. This process starts when the student submits a retroactive withdrawal request to the Office of Records & Registration.

## Emergency Cancellations and Delays

See also: [Office of Emergency Management's Emergency Cancellations and Delays Policy](#)

In-person classes will be cancelled or delayed only under extreme circumstances, such as severely inclement weather or other emergency situations. Students, faculty and staff have the ability to have emergency notifications sent to their cell phone.

In a situation where there is inclement weather, but classes are in session and offices are open, commuting students, faculty and staff must use their best judgment as to whether they feel comfortable traveling on the roadways. In these circumstances, it is up to the individual to decide whether to travel to campus. Because these circumstances occur only rarely, most professors are understanding of absences due to weather.

Faculty have the option to hold class meetings remotely in the event that in-person classes are cancelled. If they do meet remotely, they will not have to use makeup days later in the semester. This decision will be left to the discretion of the faculty member.

The University asks that students make an effort to notify professors of their planned absence and that faculty communicate their plans to their students.

The University asks that employees make an effort to notify supervisors of their planned absence and their intention to use leave credits, as appropriate, or perform their work from home in accordance with SUNY's telecommuting policy.

When the University makes the decision to delay or cancel in-person classes due to severely inclement weather or other emergency situations, this does not apply to online classes. However, a faculty member teaching an online course from a physical classroom on campus will have the discretion to cancel the class.

Online class meetings will take place as originally scheduled unless otherwise noted. Faculty members who are unable to host online class meetings as scheduled are encouraged to notify students as quickly as possible upon making that determination.

## Delay or Cancellation of In-Person Classes or Other On-Campus Activities

The decision to delay or cancel in-person classes is a collaborative process that involves Facilities Operations & Management, the president, and the provost.

There are many factors that are considered in this process, including the forecast from the National Weather Service, inclement weather in the immediate vicinity of the campus, local road conditions, and the ability to properly clear campus walkways and parking lots.

When in-person classes are delayed, all in-person classes on the affected day that begin before the delayed opening time will be cancelled. For example, if classes are delayed until 11 a.m., any classes scheduled to meet prior to 11 a.m. will be cancelled.

When in-person classes are cancelled or delayed, Facilities staff may not be able to keep up with snowfall or ice conditions to ensure all campus roadways and sidewalks are safe. Organizers of campus events should be aware of these conditions. It may be prudent for event organizers to cancel or postpone their events during severe weather. It is the responsibility of the event organizers to inform the campus community and any off-campus participants about any cancellation or postponement.

During and after a significant snowstorm, the University will prioritize major arterial roads for snow removal. This includes high-traffic walks and entrance ways, especially the ones that connect critical service areas such as University Police, the Health Center, the physical plant, residence halls, academic buildings and food service. Priority is also given to ADA walkways as directed by the Disability Resource Center. Secondary paths are given lower priority and are addressed as resources allow.

When the University indicates that offices will open at 9:15 or 10:45 a.m., this means the campus is not ready for faculty, staff or commuter arrival. We need time for our essential employees to prepare campus roadways, parking lots and sidewalks. Thank you in advance for your cooperation. If you have questions about delayed office openings, please contact Human Resources at x3171.

There is no exact science to predicting the weather. The conditions that each storm brings are unique. Some are more challenging than others to manage. We understand that it can be inconvenient at times for people's schedules. Ultimately, individuals should use their own best judgment in making decisions related to winter weather and travel.

## How We Communicate Delays and Cancellations

When the decision has been made to delay or cancel classes and/or delay office openings, the Office of Communication & Marketing will take the following steps to inform our community of that decision:

- Send an email announcement to all students, faculty and staff via their @newpaltz.edu addresses
- Send a text message (SMS) announcement to all students, faculty and staff via the NPAalert emergency communications system
- Update the campus homepage (newpaltz.edu)
- Record a message on the INFO phone line at (845) 257-INFO (4636)

These communications are the official sources of information on SUNY New Paltz delays and cancellations and supersede any other available public information.

The decision to delay or cancel on-campus activities will be announced as early as possible (usually by 6 a.m.) for any day that is affected by severe weather. For inclement weather during the afternoon and evening, a decision will be made no less than 90 minutes prior to the cancellation of in-person classes. For example, a decision will be made and announced by 12:30 p.m. for afternoon in-person classes that begin at 2 p.m., or by 2 p.m. for those that begin at 3:30 p.m. or later.

## Closing of Campus Buildings or Offices

Only the Governor may close New York State offices due to weather conditions. Because we are a state university, we follow [New York State policies regarding office closings](#).

SUNY New Paltz's president is authorized to suspend campus activities, but can give non-teaching professional staff or classified civil service personnel time off without charge to leave credits only in very limited circumstances, including:

- Delayed office openings
- If the Governor takes action to close our campus or, pursuant to contract provisions, if there is an approved early departure.

The University must be mindful of the number of State-mandated contact hours necessary to earn academic credits.

## Procedure for Communicating Office Status to Students, Staff and Visitors during Inclement Weather

While offices generally remain open during inclement weather unless otherwise directed by the Governor, it is common that many offices will be understaffed because all staff members in that unit have opted to remain home for personal safety reasons.

Because we are a residential campus and students, staff and visitors who remain on campus are expecting offices to be open, we want to make them aware of office closings or reductions in staffing BEFORE they venture out in inclement weather.

When the Office of Communication & Marketing announces the University is canceling in-person classes via all-fs/all-stu messages, Communication & Marketing will include in that e-mail, and on the

campus home page, a link to the [Office Hours and Availability page](#), where the status of department offices will be posted.

## Fieldwork and Independent Study

Fieldwork courses are approved experiences by individual academic departments to enable students to enrich their academic program with applied work in their field of study. Independent study requires a student to pursue in depth a particular area of interest not covered in the regular curriculum. Both fieldwork and independent study projects require the written approval of the faculty sponsor, the departmental chair, and the dean of the appropriate college or school. Each college or school issues its own guidelines and the student should obtain these guidelines from the appropriate dean's office.

## Grade Point Average (GPA)

Semester and cumulative grade point averages (GPA), which are the basis for assessing students' academic standing and eligibility to graduate, are derived as follows. Each credit graded "A" through "F" is given a corresponding numerical value called "quality points." The following chart shows the quality points earned by one credit:

A	4.0
A-	3.67
B+	3.33
B	3.00
B-	2.67
C+	2.33
C	2.00
C-	1.67
D+	1.33
D	1.00
D-	0.67
F	0.00

Grade point averages are determined by dividing the credits graded "A" through "F" into the number of quality points those credits earned. The semester GPA includes just the credit and quality points of that semester. The cumulative GPA is based upon the totals for all semesters and summer sessions at New Paltz. Both computations exclude credits graded "S", "S\*" (Satisfactory), "R" (Repeat), "U", "U\*" (Unsatisfactory), and "P" (Pass). Credits and quality points earned at other institutions are also excluded. New Paltz grade point averages reflect only the averages earned in courses taken in residence at New Paltz.

The following is an example of a GPA calculation for a first-semester student:

### Composition 1

3 credits, B+ = 9.99 total quality points (3 credits x 3.33 quality points)

### College Algebra

3 credits, C- = 5.01 total quality points (3 credits x 1.67 quality points)

### The Modern World

4 credits, D = 4 total quality points (4 credits x 1.00 quality points)

### General Biology 1 (3-credit lecture + 1-credit lab)

4 credits, A = 16 total quality points (4 credits x 4.00 quality points)

#### Piano 1

2 credits, A = 8 total quality points (2 credits x 4 quality points)

**Total Credits For Semester = 16**

**Total Quality Points For Semester = 43**

**Semester GPA = 2.68 (43/16)**

One strategy to raise a GPA is to repeat courses in which a low grade was earned. A student should pursue this strategy only if s/he expects to significantly improve the grade by repeating the course. According to the [Grade Replacement Policy](#) (p. 185), which automatically applies when a student takes a course a second time, only the second grade will contribute to the student's cumulative GPA.

In the example above, the first-semester student might consider retaking *The Modern World* if s/he felt that doing so would result in a higher grade. If the student repeated the course and earned a C+, for example, s/he would receive 5.32 additional quality points (the difference between a 4-credit "D" and a 4-credit "C+"), raising the GPA to 3.02 (48.32/16).

The GPA Projection Tool, located at [my.newpaltz.edu](http://my.newpaltz.edu) under Advising, can help students determine what grades they need to earn to attain a certain GPA. Students may also contact the Academic Advising Center to discuss GPA projection.

## Grade Replacement

See also: [Grade Point Average \(GPA\) Policy](#) (p. 184)

[Satisfactory/Unsatisfactory \(S\\*/U\\*\) Grading Option](#) (p. 192)

## Repeating Courses

Certain courses may be repeated for degree credit (credit toward graduation); examples include some art courses, applied-music courses, selected topic courses (x93), fieldwork courses (x94), independent study (x95), and modular courses (x99). If a course is repeatable for credit, its description will indicate so.

For all other courses, including courses transferred as direct equivalents to New Paltz courses, degree credit can be earned only once. A student may, however, wish to repeat a course to meet a prerequisite, fulfill a major or degree requirement, or improve his or her GPA. The following restrictions on repeating a course apply:

- A course may be attempted no more than two times. An "attempt" means the student earned a grade of A-F, S/F, S\*/U\*, H, or R, or withdrew from the course (noted on the transcript as W). Simply put, if a student is registered for a course at the end of the Add/Drop period (typically ten days into the semester), the student is considered to have attempted the course regardless of his or her attendance, final grade, or subsequent course withdrawal.
- A student who has a compelling reason to attempt a course for a third time may present his or her case to the dean of the college or school that houses the course. If a student is permitted to take a course for a third time, all grades earned for the course will be averaged.
- If a student successfully repeats a course that is equivalent to one for which transfer credit was awarded, credit for the New Paltz course will replace the transfer credit.

- If a student repeats more courses than the number for which grades can be replaced (see below), all grades earned for the additional repeated courses will be averaged in calculating the student's GPA.
- Students receiving or interested in applying for financial aid should be aware that repeated courses may adversely affect their satisfactory progress. Check with the Office of Student Accounts for details.

Whenever a student takes a course a second time, the Grade Replacement Policy applies.

## Grade Replacement Policy

- When a student takes a course a second time, both the first and second grades will appear on the transcript; however, *only the second grade will contribute to the student's cumulative GPA* - i.e., the second grade will replace the first in the GPA calculation.
- The number of grades that may be replaced in a student's GPA calculation is limited and based on the student's status at matriculation:
  - A student who began at New Paltz as a freshman or who entered New Paltz with fewer than 60 pre-matriculation transfer credits may replace four grades under the policy;
  - A student with 60 or more pre-matriculation transfer credits may replace two grades under the policy. [Policy revision effective Fall 2012, updated Fall 2014; clarification added Spring 2020]
- If a student repeats more courses than his or her grade-replacement limit allows (four or two, as noted above), all grades earned for the additional repeated courses will be averaged with all other grades in the student's cumulative GPA.
- The Grade Replacement Policy does not apply to graduate courses or to courses that may be repeated for degree credit (e.g., selected topic courses (x93), independent study (x95), modular courses (x99), and most fieldwork (x94), practicum, and applied music courses). Grades in these courses may not be replaced.
- Except for F and F\*, grades that do not carry "quality points" (S, S\*/U\*, W, H, R, or I\*<sup>1</sup>) cannot be replaced or averaged because they are not used for GPA calculation.
  - Thus, if a student elected the [Satisfactory/Unsatisfactory \(S\\*/U\\*\) Grading Option](#) (p. 192) the first time a course was taken, the Grade Replacement Policy does not apply.
  - If a student selects the S\*/U\* Grading Option the second time a course is attempted, the grade of "S\*" or "U\*" will not replace the first grade in the cumulative GPA calculation. If the student subsequently elects to convert the S\*/U\* into a letter grade that carries quality points, that grade *will* fall under the grade replacement procedures described above.

The Grade Replacement Policy applies only to courses taken at New Paltz. Therefore, retaking a course at another institution and transferring it back to New Paltz does not affect the grade at New Paltz. Further, only credits, not grades, transfer.

<sup>1</sup> I\* (Permanent Incomplete) applies only to I-graded courses taken in a student's last semester at New Paltz that are not needed to fulfill any college, curriculum, major, or minor requirement. I\* is noted on a transcript after the student's written request to convert the Incomplete to a permanent Incomplete is granted.



## Grade Reports & Grade Changes

See also [Academic Appeals and Appeal Procedure](#) (p. 177)

### Grade Reports

Grades are available to students through [my.newpaltz.edu](#). Students with an institutional hold on their record may be unable to access their grades.

### Grade Changes

Grades reported to the Office of Records & Registration may ordinarily be changed only if an error in computation or recording has been made. In such cases, [the instructor must submit](#) written certification of the error, along with department chair approval of the grade change, within 30 days after the beginning of the next semester. No changes will be accepted after the 30-day period, except with the written permission of the appropriate dean.

Students who think they have been graded incorrectly may follow the [Academic Appeals process](#) (p. 177).

When a question arises concerning a possible error in a grade reported by an instructor who is no longer on the faculty, the department chair and the appropriate academic dean assume joint responsibility for ascertaining the correct grade and authorizing any necessary changes.

Any correction to a student's grading record must be initiated within a year of the end of the semester in question.

## Graduation with Honors

SUNY New Paltz recognizes outstanding achievement of its graduates by awarding certain degrees with distinction. To be eligible for graduation with Latin Honors, a student must have completed a minimum of 45 graded credits in residence at New Paltz and have attained a New Paltz cumulative average of 3.30 or higher.

Students who have returned to the university after an absence of five or more years, and whose previous academic work disqualifies them for Latin Honors, may be eligible for "qualified" Latin Honors. In calculating their honors average, the academic work before their absence may be ignored if they have earned a 3.30 average in at least 45 graded credits since their readmission to New Paltz.

Both Latin Honors and "qualified" Latin Honors are based upon the following averages as calculated according to the methods described above:

- 3.30-3.59 - *cum laude*
- 3.60-3.79 - *magna cum laude*
- 3.80 and above - *summa cum laude*

Some academic departments and programs also grant "Departmental Honors" to their outstanding graduates. Students who receive this honor shall have it noted on their official transcripts.

*Policy change effective for students graduating May 2020 and after.*

## Incomplete Grades

A grade of Incomplete ("I") is awarded at the discretion of the instructor and only when the student:

- has successfully completed at least three-quarters of the required work for a course;

- is prevented from completing the remaining work due to a personal emergency;
- formally requests an Incomplete ("I") by following the procedure outlined in this policy.

**Keep in mind:** Having obligations to make up a grade of Incomplete while carrying a full load of new courses can be almost like carrying an extra course. There are good and legitimate reasons for students to ask for and for faculty members to grant Incomplete grades, but the requests should be considered carefully by all involved. *Students should not register again for the same course.*

Before requesting a grade of Incomplete, students should discuss with the instructor exactly what work remains to be completed. An agreement in writing will protect the student, should the course instructor be unavailable when the incomplete work is due.

The maximum time allowed for completing the required course work is the **mid-point of the following semester**, though the faculty member may require completion prior to that point. (Refer to the [Academic Calendar](#) for the semester's mid-point date.)

To confirm the student's completion of the assigned work and replace the "I" grade, the instructor must submit a Grade Change Form. Otherwise, the student's grade will automatically change to an "F" if the student is registered for that semester.

**Extension request:** The instructor may, at the student's request, extend the completion deadline up to one additional semester by submitting an updated Grade Change Form. Records & Registration must receive the updated webform before the mid-point of the semester in which the incomplete work was originally due.

- The instructor may select a new deadline no later than the mid-point of the next semester.
- If the instructor does not specify a new deadline, an automatic extension to the end of the current semester will result (e.g., work originally due at the fall mid-point will be due at the end of the fall semester). In this situation, a second and final extension to the mid-point of the next semester is possible, by student request and with instructor submission of an updated Grade Change webform.

No extensions beyond the mid-point of the next semester will be granted. Failure to complete the work by that deadline will result in the student's grade automatically changing to an "F" if the student is registered for courses that semester.

**Permanent Incomplete (I\*):** Students may not graduate with an Incomplete (I) on their record. There is one exception to this rule. A student with an Incomplete in a course that is (a) taken in the student's last semester at New Paltz and (b) not needed to fulfill any college, curriculum, major, or minor requirement may request a "permanent Incomplete" (I\*). The request must be made in writing to the Office of Records & Registration. If granted, the permanent Incomplete can never be changed, but students may graduate with such a grade on their record.

[Procedure for Requesting an Incomplete Grade](#)

*Reflects policy changes effective fall 2021; process updated 7/17/18, 1/31/19, 9/15/20.*

## International Baccalaureate

The International Baccalaureate (IB) Diploma Programme is a rigorous pre-university course of studies, leading to examinations. Designed as a comprehensive two-year curriculum that allows its graduates to fulfill requirements of various national education systems, the diploma model is based on the pattern of no single country but incorporates the best elements of several.

A student with an International Baccalaureate Diploma is eligible to receive up to 30 college credits. Credit can only be awarded when an official score report has been received. Students must have a grade of five or higher in the Standard or Higher Level courses to be awarded IB credit.

See the [College's IB Course Equivalencies](#) for International Baccalaureate subjects that have been assigned equivalency at New Paltz. Any course not listed will be evaluated for the appropriate transfer equivalent.

## Leave of Absence

Leave of absence is permission to be away from the college temporarily, whether it is for medical, financial or personal reasons, including study at another educational institution. Students must file a Leave of Absence form with the Office of Records & Registration (WH 115), which will process the request. Students may be on leave for up to two consecutive semesters. Please visit [Records & Registration's website](#) for information on how to initiate and return from a leave of absence.

Students who plan to take courses elsewhere during their leave must consult their academic advisor prior to leaving. Please refer to the [Post-Matriculation Registration Procedure](#) for more information.

Students who do not return after two semesters of separation will be automatically withdrawn from the university and will need to apply for [readmission](#) (p. 190) if they wish to return. (For more information about readmission, visit the [Office of Undergraduate Admission's website](#).)

## Additional Information about Leave of Absence and Withdrawal

If a student requests a leave of absence or withdrawal from the College *before the end of the second week of classes*, the student will be deregistered without transcript notation. If the leave of absence or college withdrawal occurs *after the second week of classes*, the student will be withdrawn from all in-progress courses and a W will be listed on the transcript.

Students may request a leave or withdrawal until the last day of classes. (The exact deadline appears in the [Academic Calendar](#) for each semester.) Students who stop attending class(es) are considered "unofficially withdrawn" and will receive grades of F\*. If this happens in all classes for the semester and they do not submit an official Leave of Absence or Withdrawal from College form, the student will be considered on an [unofficial Leave of Absence](#).

Leave of absence and withdrawal may affect students' financial obligations. Please contact the [Office of Student Accounts](#) with questions about liability (e.g., tuition, fees, room and board) and aid. The [tuition refund policy](#) may also be of interest.

## Liberal Arts

The New York State Education Department provides the following guidance to assist institutions of higher education in meeting the requirements of the Rules of the Board of Regents, Section 3.47 (c), Requirements for Earned Degrees, Undergraduate degrees:

*Undergraduate degrees shall be distinguished, as follows, by the minimum amount of liberal arts content required for each degree. The required liberal arts core shall not be directed toward specific occupational or professional objectives.*

Degree & Minimum Required Total Program Credits	Minimum Proportion of Liberal Arts Content	Minimum Number of Liberal Arts Credits
Bachelor of Arts (B.A.) - 120	3/4	90
Bachelor of Science (B.S.) - 120	1/2	60
Bachelor of Fine Arts (B.F.A.) - 120	1/4	30

The liberal arts and sciences comprise the disciplines of the humanities, natural sciences and mathematics, and social sciences.

Examples of course types that are generally considered within the liberal arts and sciences:

- Humanities
- English - composition, creative writing, history of language, journalism, linguistics, literature, literature in translation, playwriting
- Fine arts - art appreciation, history or theory
- World languages - composition, conversation, grammar, history of the language, literature of the language, reading, translation studies
- Music - music appreciation, history or theory
- Philosophy - comparative philosophy, history of philosophy, logic, schools of philosophy
- Religion - comparative religion, history of religion
- Theater - dramatic interpretation, dramatic literature, dramaturgy, history of drama, playwriting
- Natural sciences and mathematics
- Natural sciences - anatomy and physiology, biology, chemistry, earth science, geology, physics, zoology
- Mathematics - calculus, mathematical theory, statistics
- Computer Science - broad survey/theory courses
- Social sciences:
  - Anthropology, cultural studies, economics, geography, government, history, political science, psychology, sociology
  - Criminal justice - introductory and broad survey courses
  - Communications - interpersonal communication, mass communication, public speaking, speech and rhetoric

Examples of course types that are generally *not* considered within the liberal arts and sciences:

- Agriculture
- Business - administration, finance, human resources, management, marketing, production
- Computer applications (e.g., word processing, database, spreadsheet), programming (e.g., specific languages)

- Health and physical education
- Home economics
- Education and teaching methods
- Library science
- Music - studio, performance, practice courses - voice, instrument, direction, conducting
- Office technologies and practice
- Performing and related arts - acting, costume design, dance, direction, lighting, production, scene construction, sound production
- Specialized professional courses in such fields as accounting, architecture, dental hygiene, dentistry, engineering, law, medicine, nursing, nutrition, pharmacy, podiatry, veterinary medicine
- Studio art - drawing, painting, ceramics, sculpture
- Technology/technician fields - construction, data processing, electrical electronics, graphic arts, mechanical, medical, refrigeration repair
- Television and radio production
- Theology - pastoral counseling, ministry

## Major/Minor Declaration and Related Procedures

See also [Special Major and Degree Programs](#) (p. 193) for information on *Contract Majors* and *Liberal Studies*.

### Choosing and Declaring a Major

Each department at New Paltz sets its own policies for major declaration, including minimum credit thresholds, GPA minimums, prerequisite coursework, etc. (See [Declaring a Major](#).) While some students may be admitted directly into majors as first-year students, most students will complete at least three semesters before selecting and declaring a major.

The process of major declaration involves meeting with someone in the major department (often the chair) and reviewing a major plan of study. The department will complete the Declaration of Change webform and assign an advisor in the major department. Once the Declaration of Change is processed, students receive an email acknowledgement and the progress report will be updated to reflect the major and advisor.

Students will be expected to fulfill the major requirements that are in effect at the time they officially declare or redeclare (in the case of academic dismissal or removal from the major). Completing the process in a timely fashion is, therefore, important.

Students who have 60 or more credits in progress will not be permitted to register for additional credits unless they have a declared major. A pre-major is not valid after 60 credits are completed. New York State residents with 60 or more credits will not be eligible for New York's Tuition Assistance Plan (TAP) until the major is declared. This policy applies to incoming transfer students as well as continuing students at New Paltz. *[Policy revision effective Fall 2015]*

**Residency requirement for the major:** Transfer credits may be applied to major requirements; however, *one-half of the major must be completed at New Paltz*. (For more information about transfer credits, please refer to the [Transfer Credits policy](#) (p. 194).)

Students who need help deciding on a major should seek assistance from the Career Resource Center and the Office of Academic Advising. The Undergraduate Catalog is also a helpful resource. Descriptions of

all majors, major requirements, course descriptions and policies for declaring a major can be found in the Catalog. Many departments also have this information on their webpages.

## Concentrations within Majors

A *concentration or track* provides a formal plan of study through which students may explore a subdiscipline or area of special focus within a major. Students who declare a concentration or track within a major must complete a set of required courses in addition to completing the core courses required for the standard major.

## Double Majors

*[Policy revision effective Fall 2017]*

A student may major in more than one field. The following restrictions apply:

1. The student must designate a primary major<sup>1</sup> and, for majors that lead to either a BA or a BS, the degree the student intends to pursue.<sup>2</sup> All General Education and college-wide requirements must be completed. The second major need not be associated with the same degree type as the primary major.
2. All program requirements for both majors must be completed satisfactorily. In most cases, the student may find it necessary to complete more than the minimum 120 credits for graduation.
3. *There must be at least 15 credits of difference in the coursework completed for the two majors.* (This includes both major courses and required cognate courses.) Beyond the 15 credits not in common, all other courses may apply to both majors.
4. Upon completion of all requirements, the student will be granted one degree with two majors noted on the transcript.

<sup>1</sup> Students should be fully aware of any financial aid implications before designating a primary major.

<sup>2</sup> The primary difference between degrees relates to the number of liberal arts credits required: 90 for BA, 60 for BS, 30 for BFA.

## Dual Degrees

A student may earn two degrees (BA, BS, BFA) simultaneously. *Dual degrees will be awarded at the same time upon completion of all coursework for both degrees.*

The following restrictions apply:

1. At least 15 credits of the major in the first degree must not be contained in the program plan of the major in the second degree (this includes both major courses and required cognate courses). Beyond the 15 major credits not in common, all other courses applied to the first degree may be applied to the second degree. Simply stated, there must be at minimum a 15-credit difference between the majors of the two degrees.
2. The student must complete the college-wide requirements associated with each degree. The primary difference between degrees relates to the number of liberal arts credits required (90 for a BA, 60 for a BS, and 30 for a BFA). However, majors in Engineering have been granted exceptions to their general education requirements. Engineering majors who wish to earn a second degree with a major in another field would be required to complete the general education requirements associated with the other degree.

3. Most importantly, the student must complete a minimum of 150 credits.

## Second Bachelor's Degree Candidates

*[Policy revision effective Fall 2019]*

Any applicant to New Paltz who has already completed a bachelor's degree must apply as a transfer student following the procedures outlined for transfer students. The Director of Transfer Admission reviews and approves applications for a second degree. The criteria for admission as a second-degree candidate are as follows:

- The intended major of the second degree must require at least 15 credits that were not contained in the major of the first degree.
- Second-degree students are considered to have met the general education and writing intensive requirements.
- The student must complete a minimum of 30 second-degree credits at New Paltz.

It is the responsibility of the student to meet with the department chair of the intended major to review their academic program and the requirements remaining for their second degree.

When second-degree candidates have been formally admitted, they must file the Declaration of Major form and be assigned a faculty advisor in their major department. From that point on, the same procedures apply to second-degree students as to those who began their college study at New Paltz.

## Minors

A few majors<sup>1</sup> require students to minor in a field, but in most cases declaring a minor is optional. Minors typically involve between 18 and 25 credits, and can be a way of exploring an interest area in a less in-depth way than a major, or of organizing elective credits. To determine if a department offers a minor, consult the Undergraduate Catalog.

Students who wish to pursue a minor must contact the department offering the minor to submit the Declaration of Change webform. When the changes are processed, the student will receive an email acknowledgement and the change will be reflected on the progress report. At least half of the credits for the minor must not be contained within the program plan of the student's major. (This includes major courses as well as required cognate courses.) Students will be expected to fulfill the minor requirements that are in effect at the time the minor is officially declared. Transfer credits may be applied to minor requirements; however, one-half of the minor must be completed at New Paltz. Students should consult the department regarding minimum grade requirements for courses used to fulfill the minor.

<sup>1</sup> A minor is required for Biology BA majors, all Music (BA and BS) majors, Theatre Arts BA majors, and Visual Arts BS majors.

## Use of the S\*/U\* Grading Option with Major/Minor Courses

Courses that have been elected satisfactory/unsatisfactory (S\*/U\*) **will not** be counted towards the major, the minor, the Education curricula, or the Engineering curricula **unless** the student requests that the S\* or U\* be changed to a regular letter grade. See the [policy on S\\*/U\\* grading](#)

(p. 192) elsewhere in this catalog for details on how to implement this option.

## Modulars

Modular courses are short courses of less than a semester in length and scheduled at various times. These courses are designed to supplement existing courses or to treat topics not found in the existing curriculum. Modular courses may be used for elective credit, and may be repeated for credit, provided that the topic of the course changes.

## Non-Discrimination & Non-Harassment

The State University of New York at New Paltz values diversity of thought, expression, and experience and is committed to providing an employment and educational environment that models equity, inclusion and respectful exchange of ideas. The College recognizes that the creation or application of standards that adversely impact the equity of educational or employment opportunities, rights or benefits is detrimental to its vision.

Therefore, in compliance with federal and state laws, harassment and discrimination based on race, color, national origin, sex, religion, age, disability, gender, pregnancy, gender identity, sexual orientation, predisposing genetic characteristics, marital status, veteran status, military status, domestic violence victim status, or ex-offender status is prohibited. Remaining an employer of choice as well as a dynamic learning environment is the responsibility of every member of the campus community. We must engage in behavior and decisions that comply with both the letter and spirit of the law.

The College's policy is in accordance with federal and state laws and regulations prohibiting discrimination and harassment. These laws include the Americans with Disabilities Act (ADA), Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, Title VII of the Civil Rights Act of 1964 as Amended by the Equal Employment Opportunity Act of 1972, and the New York State Human Rights Law. These laws prohibit discrimination and harassment, including sexual harassment and sexual violence.

Inquiries regarding the application of Title IX and other laws, regulations and policies prohibiting discrimination may be directed to Tanhena Pacheco Dunn, HAB 602A or 257-3172. Inquiries may also be directed to the

United States Department of Education's Office for Civil Rights  
32 Old Slip 26th Floor  
New York, NY 10005-2500  
Tel. (646) 428-3800  
Email [OCR.NewYork@ed.gov](mailto:OCR.NewYork@ed.gov)

The reporting and complaint procedure for the review of allegations of unlawful harassment, discrimination and sexual violence provides a mechanism through which New Paltz may identify, respond to and prevent conduct of this kind. The College recognizes and accepts its responsibility in this regard and believes that the establishment of this internal, non-adversarial complaint process will benefit student, faculty, staff and administration, permitting equitable investigation and resolution of concerns that are brought forth.

[Download the full policy statement](#) (revised March 2019)



## Online Identity Verification Policy

The policies and procedures below are designed to comply with the Higher Education Opportunity Act, specifically Public Law 110-35, stipulating that accrediting agencies require postsecondary institutions that “offer distance education or correspondence education to have processes through which the institution establishes that the student who registers in a distance education or correspondence education course or program is the same student who participates in and completes the program and receives the academic credit.”

SUNY New Paltz policies and procedures for addressing identity verification of online students is an integral part of its policies on [academic integrity](#) (p. 178). The New Paltz policy on academic integrity defines cheating, plagiarism, and forgery and delineates the consequences of violating the policy. Submitting another student’s work or having another individual complete assignments, assessment, or tests in either online or seated courses is a violation of the academic integrity policy.

The Office of Information Technology Services has been proactive in development of measures to insure that our online learning environment is secure. First, all students taking courses through D2L Brightspace, our learning management system, have secure usernames and passwords. This follows the standards set by EDUCAUSE, the postsecondary instructional technology organization. In addition, challenge questions have been implemented that require that registered students, before they begin an online course, provide a question and answer for changing passwords and select among a choice of challenge questions for further identity confirmation. These identity markers are stored in databases and are used to verify identity.

All policies related to computer and internet access and usage at SUNY New Paltz are posted on [Information Technology Services’ website](#), including the [Acceptable Uses and Privacy Policy](#), which states: *You are responsible for the safeguarding of your computer account. Your account and network connection are for your individual use. A computer account is to be used only by the person to whom it has been issued. You are responsible for all actions originating through your account or network connection. You must not misrepresent or conceal your identity in electronic messages and actions.*

## Progress Towards Degree

Students who are accumulating more than the minimum number of credits required to earn a degree (120) are expected to be taking courses required for graduation. The University reserves the right to refuse the registration of a student not complying with this expectation. (Policy change effective 11/1/06).

**Degree Time Limitation:** Students matriculated in a bachelor’s degree program at the University who fail to maintain enrollment for two (2) consecutive semesters are administratively withdrawn from the University and must apply and be accepted for readmission before they will be permitted to resume their studies.

In order to earn the degree, the student will be expected to meet:

- [Major Requirements](#) (p. 45)
- [Degree requirements](#) (p. 42)
- [General Education requirements](#) (p. 43)

If the student has been separated for **3 years (6 consecutive semesters) or less**, the student may be admitted to the same major plan of study,

degree program and General Education program in effect at the time of their separation from the University. However:

- If major requirements have changed since the student’s separation, the original plan of study may no longer be available. In some cases, amending the original plan of study is possible at the discretion of the appropriate department chair. If amendment is not possible, the student must declare a new major.
- If the original major is no longer offered, the student must declare a new major.
- If degree requirements have changed, exceptions and waivers may be made by the appropriate academic dean.

If the student has been separated for more than **3 years (6 consecutive semesters)**, the student must meet all of the major, degree and General Education requirements in effect at the time of readmission. Exceptions may be made at the discretion of the appropriate academic dean. (Policy change effective March 2009; procedural updates entered August 2019.)

**Course Time Limitation:** If an undergraduate has been gone for more than seven (7) years, all of the completed courses may not be honored. Exceptions to this may be made at the discretion of the appropriate academic dean. (Policy change effective March 2009.)

**See also** the policies on [Leave of Absence](#) (p. 187), [Readmission](#) (p. 190), [Withdrawal from the College](#) (p. 195) and [Academic Warning, Probation & Dismissal](#) (p. 179).

## Readmission to New Paltz

Students matriculated for undergraduate degrees who have discontinued their attendance at the university for any reason (except those students on an approved, unexpired Leave of Absence) must submit an application for readmission to the Office of Undergraduate Admission.

Former students who believe they graduated but did not because of course deficiencies and/or failure to submit the proper graduation paperwork must apply for readmission.

**Important Note:** Prior enrollment as a matriculated student does not constitute automatic readmission nor does it guarantee entrance into the original major or fulfillment of any graduation or degree requirements.

## Who is Eligible to Reapply?

- Students who have attended New Paltz for at least one semester.
- Students who have fulfilled all previous financial/judicial/health obligations to the university. (All holds must be resolved prior to applying for readmission.)
- Students must be in good overall academic standing (minimum 2.0 GPA). However, this does not guarantee entrance into either the university or a major.
- Students who have not attended the university for two consecutive semesters for any reason (except those granted a leave of absence).
- Students who have been out **one full year** from the time of academic dismissal<sup>1</sup>.



<sup>1</sup> To be considered for readmission, it is required that academically dismissed students successfully complete at least 12 credits of academic course work with at least a 2.75 GPA at another institution.

## Application Requirements

- The application fee is \$50 and non-refundable and non-transferable to another semester should the student not attend the semester they have been accepted to.
- Students must apply directly to a major. The undeclared/undecided category is not an option.
- If the student attended New Paltz under a different last name, please indicate that previous name on all documents submitted.
- Students must submit directly to the Office of Undergraduate Admission official transcripts of all college work taken since leaving New Paltz.

**Important Note:** If more than five (5) years has transpired since the student's last attendance at New Paltz, the student must submit original educational documents as the university does not retain the educational records of non-graduates beyond five (5) years. If the student entered as a freshman, these would be the high school transcript and SAT/ACT scores; if the student entered as a transfer, it would be all previous college transcripts.

## Application Deadlines

All required documents must be received in the Office of Undergraduate Admission by these dates:

- Fall: April <sup>1</sup>
- Spring: November <sup>1</sup>

There is no summer readmission.

<sup>1</sup> The university reserves the right to alter due dates without prior notice.

## Important Information for Art, Art Education, Music, and Theatre Arts Readmission Applicants

You must submit a new portfolio or participate in a new audition/interview in order to be considered for readmission. Contact the appropriate department for details.

## The Readmission Decision

- All readmission decisions are made by the *academic department of your intended major*. Decisions will be made available on your applicant portal.
- Each application is evaluated according to the admission criteria the department has in place at the time of application. (Visit the [Transfer Admission webpage](#) for a list of majors with specific entrance requirements.)
- Acceptance for readmission is only valid for the semester you applied for. If you cannot attend, you must reapply for a future semester.

## Academic Consequences of Readmission Students in Good Academic Standing

A student who has been separated for **3 years (6 consecutive semesters) or less** may be admitted to the same major plan of study, degree program

and General Education program in effect at the time of their separation from the university. However:

- If major requirements have changed since the student's separation, the original plan of study may no longer be available. In some cases, amending the original plan of study is possible at the discretion of the appropriate department chair. If amendment is not possible, the student must declare a new major.
- If the original major is no longer offered, the student must declare a new major.
- If degree requirements have changed, exceptions and waivers may be made by the appropriate academic dean.

A student who has been separated for **more than 3 years (6 consecutive semesters)** must meet all of the major, degree and General Education requirements in effect at the time of readmission. Exceptions may be made at the discretion of the appropriate academic dean.

Students who readmit to a new major will complete the major requirements in place at the time of readmission.

## Academically Dismissed Students

Readmitted students are matriculated under the current catalog at the time of readmission and are, therefore, responsible for all university, SUNY, and academic major requirements in effect at the time of readmission.

## Important Notes

- Students academically dismissed for a second time are not eligible for readmission.
- The university does not honor any requests for back dating of transcripts or diplomas.
- Readmission is required for all non-graduates regardless of the number of credits believed to be lacking in order to receive the undergraduate degree.

Questions?

For more information about readmission, please visit the [Office of Undergraduate Admission's website](#).

*Policy approved: Council of Deans, Spring 2009*

*Procedural updates entered August 2019*

## Registration for Non-Matriculated Undergraduates

Non-matriculated students wishing to enroll in undergraduate courses during the academic year may do so only on/after the non-matriculated student registration date noted in the [schedule of classes](#) and [academic calendar](#).

Non-matriculated students may enroll in only *two courses (maximum of eight credits) per semester*.

Non-matriculated students can accumulate up to a *maximum of 24 credits*. Upon reaching 24 credits, non-matriculated students must apply for admission to the university in order to continue to enroll in courses.

Non-matriculated students must maintain a GPA of 2.0 or higher.

## Religious Beliefs & Class Attendance

Throughout the academic year, many students and faculty will need to miss class or reschedule assignments, exams, practices, or other school commitments in order to observe religious holidays that fall on class or work days<sup>1</sup>.

Students who will be taking time to observe these holidays should communicate with faculty, coaches, etc. as soon as possible regarding absences for religious observations and be prepared to discuss plans for making up missed work. Faculty will continue to respect the needs of our students and, in compliance with the New York State Education Law (Section 224-a)<sup>2</sup>, honor students' requests for such rescheduling and collaborate with them to determine a path to make up missed work.

Faculty who plan to observe religious holidays on scheduled work days should communicate with their department chair and arrange for make-up sessions or alternative content delivery in order to preserve instructional time. (See the Faculty Handbook, Section 3: Instruction.)

This applies to all religious observances, specified or not specified on the academic calendar.

<sup>1</sup> Staff absences for religious observance will also be accommodated. Professional and Classified staff are required to charge accruals for these absences. (Sick days cannot be used for this purpose.)

<sup>2</sup> Section 224-a, "Students unable because of religious beliefs to register or attend classes on certain days," states the following (see below):

1. *No person shall be expelled from or be refused admission as a student to an institution of higher education for the reasons that he or she is unable, because of his or her religious beliefs, to register or attend classes or to participate in any examination, study or work requirements on a particular day or days.*
2. *Any student in an institution of higher education who is unable, because of his or her religious beliefs, to attend classes on a particular day or days shall, because of such absence on the particular day or days, be excused from any examination or any study or work requirements.*
3. *It shall be the responsibility of the faculty and of the administrative officials of each institution of higher education to make available to each student who is absent from school, because of his or her religious beliefs, an equivalent opportunity to register for classes or make up any examination, study or work requirements which he or she may have missed because of such absence on any particular day or days. No fees of any kind shall be charged by the institution for making available to the said student such equivalent opportunity.*
4. *If registration, classes, examinations, study or work requirements are held on Friday after four o' clock post meridian or on Saturday, similar or makeup classes, examinations, study or work requirements or opportunity to register shall be made available on other days, where it is possible and practicable to do so. No special fees shall be charged to the student for these classes, examinations, study or work requirements or registration held on other days.*
5. *In effectuating the provisions of this section, it shall be the duty of the faculty and of the administrative officials of each institution of higher education to exercise the fullest measure of good faith. No adverse or prejudicial effects shall result to any student because of his or her availing himself or herself of the provisions of this section.*
6. *Any student who is aggrieved by the alleged failure of any faculty or administrative officials to comply in good faith with the provisions of this section, shall be entitled to maintain an action or proceeding in the*

*supreme court of the county in which such institution of higher education is located for the enforcement of his or her rights under this section.*

- a. *It shall be the responsibility of the administrative officials of each institution of higher education to give written notice to students of their rights under this section, informing them that each student who is absent from school, because of his or her religious beliefs, must be given an equivalent opportunity to register for classes or make up any examination, study or work requirements which he or she may have missed because of such absence on any particular day or days. No fees of any kind shall be charged by the institution for making available to such student such equivalent opportunity.*

7. *As used in this section, the term "institution of higher education" shall mean any institution of higher education, recognized and approved by the regents of the university of the state of New York, which provides a course of study leading to the granting of a post-secondary degree or diploma. Such term shall not include any institution which is operated, supervised or controlled by a church or by a religious or denominational organization whose educational programs are principally designed for the purpose of training ministers or other religious functionaries or for the purpose of propagating religious doctrines. As used in this section, the term "religious belief" shall mean beliefs associated with any corporation organized and operated exclusively for religious purposes, which is not disqualified for tax exemption under section 501 of the United States Code.*

## Satisfactory/Unsatisfactory (S\*/U\*) Grading Option

Students may utilize the Satisfactory/Unsatisfactory (S\*/U\*) Grading Option for select courses during their undergraduate study; a number of important restrictions apply (listed below). Under the student-elected S/U option, the student's grade for a course will be recorded on his or her transcript as S\* (student-elected Satisfactory) or U\* (student-elected Unsatisfactory). Neither grade will affect the student's GPA.

Students elect the Satisfactory/Unsatisfactory option under *Registration - S/U Grading Option* in [my.newpaltz.edu](http://my.newpaltz.edu). The course instructor is not informed that a course is being taken S\*/U\* and will submit the letter grade earned by the student. Letter grades of A, A-, B+, B, B-, C+, C, C- will convert to S\* (Satisfactory) while grades of D+, D, D- and F will convert to U\* (Unsatisfactory). S\* grades count toward graduation; U\* grades do not.

A student may request that an S\* or U\* be changed back to a regular letter grade, which will then be counted in the cumulative average and appear on the university record. Such a request will be honored **if made within one calendar year** after the semester in which the student earned the S\* or U\*, or before the student graduates, whichever period is shorter. [Policy revision effective Fall 2012.]

The following restrictions apply to the use of the Satisfactory/Unsatisfactory Grading Option:

- *Students who began at New Paltz as freshmen or who entered New Paltz with fewer than 60 transfer credits may select the S\*/U\* grading option four times during their undergraduate work. A student may use the S\*/U\* option for no more than one course (up to four credits) per semester and for no more than four courses (up to 12 credits) of undergraduate work at New Paltz.*
- *Students with 60 or more transfer credits may use the S\*/U\* grading option two times. [Policy revision effective Fall 2014.]*

- Courses that have been elected Satisfactory/Unsatisfactory will **not** be counted toward General Education, Writing Intensive or Diversity requirements; the Education curricula, or the student's major or minor requirements, unless the student requests that the S\* or U\* be changed to a regular letter grade.
- The S\*/U\* option is not available for the following courses: ENG160 Composition I or ENG170 Writing and Rhetoric or their equivalents; independent study courses; and any course listed in the Undergraduate Catalog with an S\*/U\* restriction ("Students cannot elect the Satisfactory/Unsatisfactory grade option for this course"). Graduate students may not elect S\*/U\* for courses in their plans of study.
- The S\*/U\* option does not apply for W (withdrawal) grades.
- The deadline for choosing S\*/U\* is the last day of classes. Refer to the Academic Calendar for the exact date each semester.
- See also: [Dean's List policy](#) (p. 182).

## Selected Topics Courses

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

## Semester Workload

During the academic year, an average course load for undergraduate students is 15 credits per semester, which would allow for completion of 120 credits (the minimum requirement for a baccalaureate degree) in four years. Students typically may register for up to 19 credits in the fall and spring semesters. Consult the [Office of Records & Registration](#) for more information.

A semester workload of 12 credits is needed to maintain full-time status. The Offices of Student Financial Services, Residence Life, and Athletics, Wellness & Recreation, among others, require students to be full time to remain eligible for their services. Students who are considering dropping below 12 credits should consult with the appropriate offices about the impact of that action on their status.

Students may register for a combined maximum of 12 credits for all summer sessions and a maximum of 4 credits for Winter Session.

## Special Major and Degree Programs

- [Contract Majors](#) (p. 193)
- [Liberal Studies](#) (p. 193)

## Contract Majors

The purpose of the contract major is to enable highly motivated students to develop individual programs of study most appropriate to their particular academic interests. Contract majors should be considered only in those cases where students' academic interests are substantially different to the point that they cannot be accommodated by an existing major program. A minimum GPA of 3.0 is normally expected.

A contract major is interdisciplinary in nature and may include regular courses, independent study, fieldwork, study at other institutions, and study overseas. Three faculty advisors from academic disciplines related to the contract major must sponsor the proposing student; no more than

two may be from the same department. One will be designated as the student's primary advisor.

Contract majors consist of at least 30 credits, of which at least 24 are upper-division (300/400-level) credits. Transfer credits may be applied to the contract major; however, at least half of the major credits must be earned at New Paltz. All other [degree requirements](#) (p. 42) must be completed.

Interested students should first consult a representative of the appropriate dean's office to discuss the proposed contract major and the composition of the contract committee/advisors. Students seeking a contract major should ideally submit a proposal before the end of their sophomore year, or at the latest by the end of the first semester of their junior year.

The final proposal should consist of:

1. a completed "Declaration of Major/Contract Plan" form, which can be obtained from an advisor or the appropriate dean;
2. an essay describing the major, how it fits in with the student's plans after graduation, and why a combination of majors/minors and electives won't accomplish the same thing.

These materials must be submitted to the primary dean's office for approval. The contract major will be assigned to the academic unit of the approving dean, who will forward all materials to Records & Registration to be kept on file for degree clearance.

Since the student's progress report will not contain major-specific information, the student and advisors should keep copies of the submitted contract-major plan of study for registration planning.

*Procedural revisions entered May 2019*

## Liberal Studies

The Bachelor of Liberal Studies program is designed for groups of mature learners with common interests that traditional majors may not fully address. A liberal arts core provides a firm foundation of general knowledge and skills, while a specialization requirement, which may be interdisciplinary in nature, adds depth and focus. For more information, please contact the Office of Undergraduate Admission.

## Student Consumer Information Requirement

In compliance with both Federal and State laws, the university makes available to students or prospective students information about instructional programs, costs of attending the institution, financial assistance available to students, refund policy, qualification of faculty, graduation rates and placement of graduates. [The Office of Institutional Research publishes a table of contents of these required disclosures](#), with direct links to items related to financial aid/student financial assistance, general institutional information, health and safety, and student outcomes.

The Division for Enrollment Management is also available to assist students or prospective students in obtaining information specified in the Regulations of the Commissioner of Education, Chapter II, Subchapter A, Part 53.

## Transfer Credits

- SUNY New Paltz will accept a maximum of 70 credits from an accredited two-year college and a maximum of 90 credits from an accredited four-year college or university. (To learn more about the types of colleges from which New Paltz accepts credits, see [Accredited Colleges](#) or [Transferring Your Credits](#).)
- A maximum of 15 non-liberal arts credits may be awarded for coursework taken within government agencies, industry, the Armed Services or other non-collegiate settings. A request for review of such coursework should be submitted to the [Office of Undergraduate Admission](#), along with appropriate documentation (e.g., course/program syllabus; Joint Services Transcript, etc.).
- SUNY New Paltz does not award life-experience credit.
- Refer to our searchable [College Course Equivalencies](#) database to see how courses completed elsewhere may transfer toward your New Paltz degree. Credit awarded for successful completion of AP (p. 180), CLEP (p. 180), and IB (p. 187) examinations is included. (See also the [Credit by Exam](#) (p. 182) policy.)

## "Seamless Transfer" within SUNY

- Students with a SUNY A.A. or A.S. degree who are accepted into a parallel baccalaureate program at New Paltz and who have successfully completed [SUNY's General Education program](#) and the [appropriate transfer-path courses](#) benefit from SUNY's transfer-friendly policies. Such students will be afforded true [junior standing](#) and the opportunity to complete the requirements for a bachelor's degree within four additional semesters of full-time study or the equivalent.
- SUNY A.A./A.S. degree holders who have completed SUNY's minimum General Education requirement do not need to take additional courses to satisfy New Paltz's General Education program.
- SUNY A.S. Engineering Science degree holders who completed a reduced General Education program will complete SUNY's minimum GE requirement at New Paltz as part of their B.S. Engineering degree program.
- Transfer of credit for SUNY General Education courses is guaranteed if a course is successfully completed with a grade of C or above.
- SUNY transfer-path courses are guaranteed to transfer as courses in the major or as required cognates if completed with a grade of C or better. (Note that courses with a grade of C- may be eligible for transfer toward the major or required cognates, at the discretion of the appropriate academic department.)
- Courses *other than* transfer-path and SUNY General Education courses may be eligible for transfer credit toward the major with a grade of C- or better, at the discretion of the academic department concerned.

## Pre-matriculation transfer credits: Submitting transcripts and score reports

All newly matriculated students ([freshmen](#) and [transfers](#)) must submit to the Office of Undergraduate Admission all final, official college transcripts, AP exam scores, IB exam scores, CLEP exam scores, and other pertinent collegiate coursework no later than the first day of classes of the first semester at SUNY New Paltz. *Delay in submitting pre-matriculation transfer credits can have a negative impact on course planning and financial aid.*

If you have questions about transferring pre-matriculation credit, please contact the [Office of Undergraduate Admission](#).

## Post-matriculation transfer credits: Registering for courses elsewhere

This policy applies when a student who has matriculated at New Paltz earns credit at another college with the intention of transferring the credit to New Paltz. *Matriculated students should consult their advisor before taking a course elsewhere to avoid problems with credit acceptance and financial aid.*

Two pathways exist for earning post-matriculation transfer credit:

- The [post-matriculation registration process](#) is for students who wish to take a course at a *non-SUNY* college.
- The [cross-registration process](#) is for students who wish to take a course at *another SUNY* college. *Cross registration must be approved by the Office of Records & Registration by the start date of classes at New Paltz.*

Regardless of pathway, the student should consult with the appropriate office to determine the impact of taking courses at other institutions on financial aid, repeat course limits and maximum transfer-credit allowances (70 credits from an accredited two-year college and 90 credits from an accredited four-year college or university).

If you have questions about transferring post-matriculated credit, please contact the [Office of Records & Registration](#).

## Visiting Students

### Who is a visiting student and in what may they enroll?

- Undergraduate students who are matriculated at another college and wish to take courses at SUNY New Paltz during the regular academic year are considered visiting students.
- Visiting students remain matriculated at their home institution and are considered non-matriculated students at SUNY New Paltz.
- Visiting students may take courses based upon availability and sometimes require [specific departments' permission to enroll](#).
- Visiting students are prohibited from enrolling in internship, fieldwork or practicum courses.
- Visiting students may take up to one academic year of courses at SUNY New Paltz.

### General visiting student criteria:

- You must have a minimum 2.0 GPA at your home institution for consideration.
- You must not be on academic probation, academic warning or academic suspension at your home institution.
- You must not be on disciplinary probation or suspension at your home institution.

## Required Application Documentation

- Your application must be signed by your advisor (from your home institution) indicating approval of all courses in which you wish to



enroll at SUNY New Paltz and providing signed proof of your good academic and disciplinary standing.

- Submit an unofficial or official transcript from your home institution.

## Application and Required Documents Due Date(s)

- *Fall and Spring* - The complete application must be received and approved prior to the date for non-matriculated and visiting students noted in the [Academic Calendar](#).
- *Winter and Summer Sessions* - SUNY New Paltz does not process visiting student applications for the winter and summer sessions as those sessions are open to the general public, provided certain basic requirements and course prerequisites are met.

SUNY New Paltz reserves the right to change application due dates without notice.

## Approval, Registration and Financial Aid

Your application will be received by Records & Registration. If the application is incomplete, its processing will be delayed.

You will be notified of the enrollment decision *by email*.

If your application is approved:

- You will receive login information for the [my.newpaltz.edu](http://my.newpaltz.edu) student portal.
- You may register for courses, on a space-available basis, *only during the registration period for non-matriculated and visiting students* noted on the Academic Calendar.
- You must document, by transcript, that you have met any and all course prerequisites and will need electronic permission to register for courses with restrictions.
- Upon course registration, you will receive an invoice from the Office of Student Accounts with a payment due date. Failure to abide by this date will result in [course de-registration](#).
- If you are receiving financial aid (including loans) from your home institution, you are responsible for making arrangements with your home institution to ensure the continuation of financial aid.

*Please note:* Since non-matriculated and visiting students are the last cohort to be registered, it is possible that there will not be available seats once registration is processed. [Please plan accordingly](#).

## Other Important Information

- Visiting students may enroll in courses for a maximum of two semesters. After two semesters they must apply for [transfer admission](#).
- Visiting students must attain a minimum 2.0 GPA or they will be ineligible to register for further courses at SUNY New Paltz.
- On-campus housing is not available.

## Study Abroad Program

- Students who are matriculated at another institution and wish to participate in the SUNY New Paltz Study Abroad program are considered visiting students.
- Study Abroad applications can be found at [New Paltz Study Abroad](#).

## Withdrawal from the University

Withdrawal from the University reflects a student's intent to sever all affiliations with the SUNY New Paltz and to terminate matriculation. Students must file a Withdrawal from the University form with the Office of Records & Registration (WH 115), which will [process the withdrawal request](#). Students who are withdrawn from the university are blocked from taking any courses at New Paltz and must apply for [readmission](#) (p. 190) should they subsequently decide to return. (For more information about readmission, visit the [Office of Undergraduate Admission's website](#).)

Withdrawal from the University differs from a [Leave of Absence](#) (p. 187), and students are advised to consult their advisors, financial aid officers, health providers, or other trusted individuals to discuss the pros and cons of each. Additional information appears below. Guidance is also available from the [Office of Records & Registration](#).

Note that students who do not register for more than two consecutive fall/spring semesters will be automatically withdrawn from the university.

## Additional Information about Withdrawal and Leave of Absence

If a student requests a withdrawal or leave of absence from the university *before the end of the second week of classes*, the student will be deregistered without transcript notation. If the university withdrawal or leave of absence occurs *after the second week of classes*, the student will be withdrawn from all in-progress courses and a W will be listed on the transcript.

Students may request a withdrawal or leave until the last day of classes. (The exact deadline appears in the [Academic Calendar](#) for each semester.) Students who stop attending class(es) are considered "unofficially withdrawn" and will receive grades of F\*. If this happens in all classes for the semester and they do not submit an official Leave of Absence or Withdrawal from the University form, the student will be considered on an [unofficial Leave of Absence](#).

Withdrawal and leave of absence may affect students' financial obligations. Please contact the [Office of Student Accounts](#) with questions about liability (e.g., tuition, fees, room and board) and aid. The [tuition refund policy](#) may also be of interest.



## Course Descriptions

### A

- [Adolescence Education \(SED\)](#) (p. 197)
- [Anthropology \(ANT\)](#) (p. 202)
- [Arabic \(ARB\)](#) (p. 207)
- [Art Education \(ARE\)](#) (p. 208)
- [Art History \(ARH\)](#) (p. 211)
- [Art Studio \(ARS\)](#) (p. 218)
- [Asian Studies \(ASN\)](#) (p. 248)

### B

- [Biochemistry \(BCM\)](#) (p. 249)
- [Biology \(BIO\)](#) (p. 250)
- [Black Studies \(BLK\)](#) (p. 260)
- [Business Administration \(BUS\)](#) (p. 268)

### C

- [Chemistry \(CHE\)](#) (p. 296)
- [Chinese \(CHI\)](#) (p. 300)
- [Communication Disorders \(CMD\)](#) (p. 302)
- [Communication Studies \(CMM\)](#) (p. 307)
- [Computer Science \(CPS\)](#) (p. 313)

### D

- [Deaf Studies \(DFS\)](#) (p. 316)
- [Digital Design and Fabrication \(DDF\)](#) (p. 317)
- [Digital Humanities \(DHM\)](#) (p. 318)
- [Digital Media and Journalism \(DMJ\)](#) (p. 318)
- [Disaster Studies \(DIS\)](#) (p. 327)

### E

- [Early Childhood/Childhood Educ \(EED\)](#) (p. 327)
- [Economics \(ECO\)](#) (p. 334)
- [Education Interdisciplinary \(EDI\)](#) (p. 339)
- [Educational Studies \(EDS\)](#) (p. 340)
- [Engineering-Computer \(EGC\)](#) (p. 343)
- [Engineering-Electrical \(EGE\)](#) (p. 347)
- [Engineering-General \(EGG\)](#) (p. 355)
- [Engineering-Mechanical \(EGM\)](#) (p. 356)
- [English \(ENG\)](#) (p. 362)
- [English as a Second Language \(ESL\)](#) (p. 376)
- [Environmental Science \(EGS\)](#) (p. 378)
- [Environmental Studies \(ENV\)](#) (p. 378)
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### F

- [Fine and Performing Arts \(FPA\)](#) (p. 379)
- [French \(FRN\)](#) (p. 379)

### G

- [General Studies \(BGS\)](#) (p. 383)
- [Geography \(GEO\)](#) (p. 383)
- [Geology \(GLG\)](#) (p. 390)
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### H

- [Hebrew \(HEB\)](#) (p. 397)
- [History \(HIS\)](#) (p. 398)
- [Honors \(HON\)](#) (p. 411)

### I

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- [International Relations \(INR\)](#) (p. 417)
- [Italian \(ITA\)](#) (p. 417)

### J

- [Japanese \(JPN\)](#) (p. 420)
- [Jewish Studies \(JST\)](#) (p. 423)

### K

- [Kiswahili \(KIS\)](#) (p. 423)

### L

- [Lang, Lit & Cultures \(LLC\)](#) (p. 424)
- [Latin Amer & Caribbean Studies \(LAM\)](#) (p. 424)
- [Law and Politics \(LAW\)](#) (p. 425)
- [Linguistics \(LIN\)](#) (p. 425)

### M

- [Mathematics \(MAT\)](#) (p. 426)
- [Medieval/Early Modern Studies \(MED\)](#) (p. 433)
- [Music \(MUS\)](#) (p. 434)

### N

- [Native American Studies \(NAS\)](#) (p. 446)

### P

- [Philosophy \(PHI\)](#) (p. 446)
- [Physics & Astronomy \(PHY\)](#) (p. 452)
- [Political Science \(POL\)](#) (p. 461)
- [Portuguese \(POR\)](#) (p. 471)
- [Psychology \(PSY\)](#) (p. 471)

### R

- [Religious Studies \(REL\)](#) (p. 480)
- [Russian \(RUS\)](#) (p. 481)

### S

- [Science and Engineering \(SSE\)](#) (p. 481)
- [Sociology \(SOC\)](#) (p. 481)

- [Spanish \(SPA\)](#) (p. 492)
- [Special Education \(SPE\)](#) (p. 499)

## T

- [Theater Arts \(THE\)](#) (p. 500)

## W

- [Women's, Gender & Sexuality St \(WOM\)](#) (p. 513)

# Adolescence Education (SED)

## SED240. Integrating English Learners into Schools and Classrooms. 3 Credits.

Specialized instructional techniques/strategies are necessary to effectively teach English learners (ELs) in integrated classrooms. Here, students are encouraged to develop, implement, and reflect on lessons/activities that foster EL engagement in integrated, recursive, and generative ways.

### Restrictions:

- Must have the following level: Undergraduate

May not be repeated for credit

## SED293. Secondary Education Selected Topic. 3-12 Credits.

May be repeated for credit

## SED295. Independent Study Secondary Education. 0 Credits.

May be repeated for credit

## SED340. Introduction to Foreign Language Teaching in the Secondary School. 3 Credits.

An introduction to first and second language acquisition theories and foreign language instructional approaches and assessments in light of the national and NY State standards for foreign language learning.

### Restrictions:

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

## SED350. Fieldwork #2. 1 Credit.

Students will immerse themselves in secondary school settings, cultures, and direct discipline-related activities. This includes interviewing, observing, and interacting with students, discipline-specific teachers, administrators, and staff. Co-requisite: Discipline-specific methods course (SED370, SED371, SED373, SED374, SED375, SED381, SED391).

### Attributes:

- Field Study

### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

## SED353. Field Work #1. 1 Credit.

The field lab is a co-requisite with Introduction to Curriculum Assessment (SED453). Students will immerse themselves in secondary school settings and cultures by interviewing, observing, and interacting with key stakeholders including students, teachers, administrators and staff.

COURSE FEE FOR WATERMARK.

### Attributes:

- Field Study

### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Biology (440)
  - Adolescence Ed: Chemistry (441)
  - Adolescence Ed: Earth Science (442)
  - Adolescence Ed: English (443)
  - Adolescence Ed: French (444)
  - Adolescence Ed: Math (446)
  - Adolescence Ed: Physics (449)
  - Adolescence Ed: Social Studies (445)
  - Adolescence Ed: Spanish (447)
  - Adolescence Education (ADL)
  - Biology 4+1 (508A)
  - Chemistry (50CH)
  - Geology/Earth Science (51ES)

### Prerequisites:

- SED Fieldwork Form Minimum Score of Y

### Corequisites:

- SED453

May not be repeated for credit

### **SED354. Foundations of Secondary Education Seminar. 1 Credit.**

In a series of classroom- and field-based exercises, students will begin to inquire into key curriculum issues in secondary education within the broader philosophical, psychological, and social contexts of schools and schooling.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Biology (440)
  - Adolescence Ed: Chemistry (441)
  - Adolescence Ed: Earth Science (442)
  - Adolescence Ed: English (443)
  - Adolescence Ed: French (444)
  - Adolescence Ed: Math (446)
  - Adolescence Ed: Physics (449)
  - Adolescence Ed: Social Studies (445)
  - Adolescence Ed: Spanish (447)
  - Adolescence Education (ADL)
  - Biology 4+1 (508A)
  - Chemistry (50CH)
  - Geology/Earth Science (51ES)

May not be repeated for credit

### **SED356. Teaching and Learning in the Digital Environment. 3 Credits.**

Teacher candidates will learn how to integrate digital tools in the teaching and learning environment while promoting digital citizenship. They will examine relevant research and explore innovative teaching and learning practices involving the use of digital media.

#### **Attributes:**

- Information Mgmt Intrmd

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Biology (440)
  - Adolescence Ed: Chemistry (441)
  - Adolescence Ed: Earth Science (442)
  - Adolescence Ed: English (443)
  - Adolescence Ed: French (444)
  - Adolescence Ed: Math (446)
  - Adolescence Ed: Physics (449)
  - Adolescence Ed: Social Studies (445)
  - Adolescence Ed: Spanish (447)

May not be repeated for credit

### **SED358. Education Across Borders. 3 Credits.**

Exploration of educational policies, practices and philosophies across diverse countries primarily outside Europe and the U.S. within the context of regional histories and with concern for how social forces affect education and how education affects social development.

#### **Attributes:**

- Effective Expression/Written
- Liberal Arts
- Writing Intensive
- GE4: World Civilizations
- GE3: WRLD

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **SED370. Teaching English in the Secondary School. 3 Credits.**

Purposes, materials, and techniques for effective teaching of English in the secondary school. Analysis of relevant research. The course will also include a series of structured instructional experiences intended to further students first-hand knowledge of secondary schools and schooling.

#### **Attributes:**

- Critical Thinking Intermediate

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Adolescence Ed: English (443)

#### **Prerequisites:**

- SED350\*

\* May be taken at the same time

May not be repeated for credit

### **SED371. Teaching French in the Secondary School. 3 Credits.**

An analysis of objectives, procedures, and materials for teaching French in the secondary school. The course will also include a series of structured instructional experiences intended to further students' first-hand knowledge of secondary schools and schooling .

#### **Attributes:**

- Critical Thinking Intermediate

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Adolescence Ed: French (444)

#### **Prerequisites:**

- SED350\*

\* May be taken at the same time

May not be repeated for credit

### **SED373. Teaching Social Studies in the Secondary School. 3 Credits.**

Purposes, materials, and techniques for effective teaching of the social studies in the secondary school. The course will also include a series of structured instructional experiences intended to further students' first-hand knowledge of secondary schools and schooling.

#### **Attributes:**

- Critical Thinking Intermediate

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Adolescence Ed: Social Studies (445)

#### **Prerequisites:**

- SED350\*

\* May be taken at the same time

May not be repeated for credit

### **SED374. Teaching Science in the Secondary School. 3 Credits.**

Constructivist views of science, science learning, and science teaching. Strategies for planning, managing, and assessing instruction especially for pupils demonstrating a wide range of backgrounds and abilities. The course will also include a series of structured instructional experiences intended to further students' first-hand knowledge of secondary schools and schooling.

#### **Attributes:**

- Critical Thinking Intermediate

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Biology (440)
  - Adolescence Ed: Chemistry (441)
  - Adolescence Ed: Earth Science (442)
  - Adolescence Ed: Math (446)
  - Adolescence Ed: Physics (449)

#### **Prerequisites:**

- SED350\*

\* May be taken at the same time

May not be repeated for credit

### **SED375. Teaching Mathematics in the Secondary School. 3 Credits.**

Purposes, materials, and techniques for effective teaching of secondary school mathematics. Analysis of relevant research. The course will also include a series of structured instructional experiences intended to further students' first-hand knowledge of secondary schools and schooling.

#### **Attributes:**

- Critical Thinking Intermediate

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Adolescence Ed: Math (446)

#### **Prerequisites:**

- SED350\*

\* May be taken at the same time

May not be repeated for credit

### **SED381. Teaching Spanish in the Secondary School. 3 Credits.**

An analysis of objectives, procedures, and materials for teaching Spanish in the secondary school. The course will also include a series of structured instructional experiences intended to further students' first-hand knowledge of secondary schools and schooling.

#### **Attributes:**

- Critical Thinking Intermediate

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Adolescence Ed: Spanish (447)

#### **Prerequisites:**

- SED350\*

\* May be taken at the same time

May not be repeated for credit

### **SED393. Secondary Education Selected Topic. 1-12 Credits.**

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Biology (440)
  - Adolescence Ed: Chemistry (441)
  - Adolescence Ed: Earth Science (442)
  - Adolescence Ed: English (443)
  - Adolescence Ed: French (444)
  - Adolescence Ed: Math (446)
  - Adolescence Ed: Physics (449)
  - Adolescence Ed: Social Studies (445)
  - Adolescence Ed: Spanish (447)

May be repeated for credit

**SED404. Student Teaching Secondary, 7-9. 6 Credits.**

A full-time experience in the major areas of teacher responsibility in grades 7-9.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Biology (440)
  - Adolescence Ed: Chemistry (441)
  - Adolescence Ed: Earth Science (442)
  - Adolescence Ed: English (443)
  - Adolescence Ed: French (444)
  - Adolescence Ed: Math (446)
  - Adolescence Ed: Physics (449)
  - Adolescence Ed: Social Studies (445)
  - Adolescence Ed: Spanish (447)

**Corequisites:**

- SED405
- SED406
- SED407

May not be repeated for credit

**SED405. Student Teaching Secondary 10-12. 6 Credits.**

A full-time experience in the major areas of teacher responsibility in grades 10-12.

**Attributes:**

- Practicum - Non-Clinical

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Biology (440)
  - Adolescence Ed: Chemistry (441)
  - Adolescence Ed: Earth Science (442)
  - Adolescence Ed: English (443)
  - Adolescence Ed: French (444)
  - Adolescence Ed: Math (446)
  - Adolescence Ed: Physics (449)
  - Adolescence Ed: Social Studies (445)
  - Adolescence Ed: Spanish (447)

**Corequisites:**

- SED404
- SED406
- SED407

May not be repeated for credit

**SED406. Student Teaching Seminar. 1 Credit.**

All secondary education students must take this seminar while student teaching. The principal purposes of the seminar are four: first, to provide an orientation for students about to begin to student teach; second, to offer practical support for students while student teaching; third, to help students develop individual professional portfolios; and fourth, to serve as a culminating educational experience for all pre-service secondary education students.

**Attributes:**

- Practicum - Non-Clinical
- Critical Thinking Advanced
- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Biology (440)
  - Adolescence Ed: Chemistry (441)
  - Adolescence Ed: Earth Science (442)
  - Adolescence Ed: English (443)
  - Adolescence Ed: French (444)
  - Adolescence Ed: Math (446)
  - Adolescence Ed: Physics (449)
  - Adolescence Ed: Social Studies (445)
  - Adolescence Ed: Spanish (447)

**Corequisites:**

- SED404
- SED405

May not be repeated for credit



**SED407. Fieldwork #3. 1 Credit.**

Students will immerse themselves in two particular secondary school settings with the purpose of understanding the school culture in which they will be student teaching. This will involve interviewing, observing, and interacting with students, teachers, administrators and staff in a broad range of "normal" school-related activities. Co-requisite: Discipline-specific student teaching course (SED404, SED405, SED406).

**Attributes:**

- Field Study

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Biology (440)
  - Adolescence Ed: Chemistry (441)
  - Adolescence Ed: Earth Science (442)
  - Adolescence Ed: English (443)
  - Adolescence Ed: French (444)
  - Adolescence Ed: Math (446)
  - Adolescence Ed: Physics (449)
  - Adolescence Ed: Social Studies (445)
  - Adolescence Ed: Spanish (447)

**Corequisites:**

- SED404
- SED405
- SED406

May not be repeated for credit

**SED453. Curriculum and Assessment in the Secondary School. 3 Credits.**

Students will read, discuss, debate and write about curriculum and assessment philosophy and practice. Students will experience first hand a variety of authentic learning assessments and observe and interview teachers in secondary schools.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Biology (440)
  - Adolescence Ed: Chemistry (441)
  - Adolescence Ed: Earth Science (442)
  - Adolescence Ed: English (443)
  - Adolescence Ed: French (444)
  - Adolescence Ed: Math (446)
  - Adolescence Ed: Physics (449)
  - Adolescence Ed: Social Studies (445)
  - Adolescence Ed: Spanish (447)
  - Adolescence Education (ADL)
  - Biology 4+1 (508A)
  - Chemistry (50CH)
  - Geology/Earth Science (51ES)

**Prerequisites:**

- SED Fieldwork Form Minimum Score of Y

**Corequisites:**

- SED353

May not be repeated for credit

**SED493. Secondary Education Selected Topic. 3-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**SED495. Independent Study Secondary Education. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

## Anthropology (ANT)

### ANT100. The Anthropology of Today's World. 3 Credits.

Introduction to anthropological perspectives on major social, political, and scientific controversies facing today's world. Use of case studies from cultural and linguistic anthropology, as well as archaeology and biological anthropology.

#### Attributes:

- Ethical Reflection
- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

### ANT193. Anthropology Selected Topic. 3-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

### ANT211. General Anthropology. 3 Credits.

Introduction to the theories, methods, and major areas of Anthropology.

#### Attributes:

- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

May not be repeated for credit

### ANT213. Principles of Archaeology. 3 Credits.

Method and theory of Archaeology as a branch of Anthropology; survey of major archaeological discoveries and sequences of world prehistory.

#### Attributes:

- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

May not be repeated for credit

### ANT214. Principles of Cultural Anthropology. 3 Credits.

This course introduces the concepts, theories, and methods of cultural anthropology. Students will learn how anthropologists approach the study of culture and its influence on social life, and how anthropologists have explored what it means to be human in particular times and places.

#### Attributes:

- Liberal Arts
- Systematic Inquiry
- GE5: Social Sciences
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

### ANT215. Principles of Biological Anthropology. 3 Credits.

Designed to introduce students to the field of biological anthropology including primatology, human evolutionary ecology, paleoanthropology, and skeletal biology. Students will gain fundamental knowledge about evolutionary theory, basic biological concepts, the course of primate and human evolution, and modern human diversity.

#### Attributes:

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

May not be repeated for credit

### ANT216. Language and Culture. 3 Credits.

The course explores the social, cultural, and political dimensions of language use. It investigates both how people are shaped by language and how they use language to express class, gender, race and national identity.

#### Attributes:

- Critical Thinking Introductory
- Liberal Arts

#### Restrictions:

- Must have the following level: Undergraduate

May not be repeated for credit

### ANT230. Forensic Anthropology. 3 Credits.

Students are introduced to the role of the anthropologist in forensic investigations. The course will cover basic skeletal biology, osteology, field recovery of human remains, and recognition of gross trauma and pathology.

#### Attributes:

- Liberal Arts

#### Restrictions:

- Must have the following level: Undergraduate

May not be repeated for credit

### ANT293. Anthropology Selected Topic. 3-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

### ANT295. Indep Study Anthropology. 1-12 Credits.

May be repeated for credit

**ANT301. Human Evolution. 3 Credits.**

This course is designed to introduce students to (1) the fundamentals of evolutionary theory and (2) the application of this framework for our understanding of human evolutionary history. The course will begin by introducing students to the theory of evolution, its historical background and its modern articulation by Charles Darwin. We will also explore modern modifications to Darwinian evolution. From here we will begin to explore the anatomical and phylogenetic context of human evolution by discussing the origin and evolution of primates. Then we will explore the origins of the first hominids and their place in the human family tree. Finally, we will discuss the origins of the genus Homo, the criteria used to differentiate these specimens and the emergence of the modern human suite of anatomical and behavioral characteristics.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT302. Human Osteology. 3 Credits.**

Students will gain hands-on experience in biological anthropology, including osteology, dental anthropology, primatology, human evolution, and forensics.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT305. Cultures of South America. 3 Credits.**

Social, political, economic and religious institutions of native and mestizo peoples in South America, using examples from selected areas (Amazonian lowlands, Andean highlands, southern cone.) Traditional cultural patterns and contemporary social issues, including the recent rise of the left-wing regimes in Venezuela, Bolivia and Brazil.

**Attributes:**

- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT306. Cultures of Brazil. 3 Credits.**

An anthropological introduction to the history, peoples, geography, and key cultural issues facing contemporary Brazil. Key themes: poverty, carnival, gender, sexuality, urban violence, religion, and land reform.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT310. Bioarchaeology of Food. 3 Credits.**

An examination of the manner in which archeologists reconstruct diet and its influence on human evolution, social organization, and health. Topics covered in the course include the biochemical nature of food and nutrients, the associations between diet and morphological and behavioral adaptations in fossil hominins, the relationship between human social organizations and subsistence strategies, and the impact of the transition of food production.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI

May not be repeated for credit

**ANT312. North American Archaeology. 3 Credits.**

An archaeological survey of early man in North America.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT314. New York State Archaeology. 3 Credits.**

Major prehistoric developments in New York State; cultural and adaptive changes of Native American cultures from Paleo-Indian times to contact with Europeans.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT315. Historical Archaeology. 3 Credits.**

The purpose of this course is to provide a working knowledge of American historical archaeology from both a practical and theoretical perspective. Subject areas covered include archeological excavation methods and strategies, artifact analysis, current research and theory, and how historical archeology can answer questions about past human behavior.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- Systematic Inquiry
- GE3: USST
- GE4: United States Studies
- GE5: US History Civic Engmnt

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT316. Cannibalism; Archaeology and Ethnography. 3 Credits.**

Cannibalism is examined from an Archaeological and Ethnographic perspective. Topics include individuals or groups accused of practicing cannibalism, and also potential biases in both the historical records and anthropological research.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**ANT317. Love, Sex and Marriage: Anthro Perspectives. 3 Credits.**

An introduction to the comparative/cross-cultural study of love, sex and marriage. The course covers evolutionary, cultural and social psychological approaches to the study. Students will gain an understanding of the variability and universal features across cultures.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT361. Exploring the Unknown. 3 Credits.**

An exploration of the "great mysteries" which have captured the popular imagination. A rational evaluation of the facts and hypotheses that surround such mysteries as Bigfoot, the Loch Ness Monster, UFOs, the ancient astronauts of von Daniken, the Bermuda Triangle, the legends of Atlantis and Mu, and the construction of the Egyptian pyramids. A research paper is required.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT362. Race, Ethnicity and Inequality. 3 Credits.**

Investigation of the nature of the system of racial and ethnic classification that prevails in the contemporary United States and of the socio-historical processes that have generated this cultural taxonomy. Exploration of the impact of our ideas and understandings about racial and ethnic differences on selected aspects of U.S. social life.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT364. Inequality and Human Health. 3 Credits.**

An examination of the biological consequences of social inequality from a biocultural perspective. Topics covered in the course include and examination of the prehistoric foundations of inequality the physiological basis of stress and its health consequences, including trauma, infectious disease, malnutrition, osteoarthritis, exposure to environmental toxins, and lower birth weight. A case study approach brings in examples from a wide range of time periods and world regions.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT370. Cultures of East Asia. 3 Credits.**

An introduction to the social and cultural patterns of East Asia. The focus is on contemporary society with additional attention to changing historical, social, economic and political contexts.

**Attributes:**

- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT371. Culture and Society of Vietnam. 3 Credits.**

In-depth look at the social, religious, economic and political institutions of Vietnam and, in particular, how contemporary cultural practices have been shaped and changed by dynamic political, economic and historical events of Twentieth Century Vietnam.

**Attributes:**

- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT393. Anthro Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ANT400. Development of Anthropological Thought. 3 Credits.**

Examination of the major theoretical positions in contemporary anthropology, and of their development in the broader context of the history of ideas.

**Attributes:**

- Critical Thinking Intermediate
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ANT214 Minimum Grade of C-

May not be repeated for credit

**ANT401. Comparative Social Organization. 3 Credits.**

A review of basic principles of kinship organization and an examination of major theories of kinship. A consideration of important dimensions of extra-familial social organization.

**Attributes:**

- Critical Thinking Intermediate
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ANT214 Minimum Grade of C-

May not be repeated for credit

**ANT402. Research Methods in Anthropology. 3 Credits.**

A consideration and study of the methods critical to anthropological research. Methods and techniques common to the social sciences and those unique to anthropology are discussed. Basic statistical concepts and experimental design.

**Attributes:**

- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ANT214 Minimum Grade of C-

May not be repeated for credit

**ANT403. Religion and Culture. 3 Credits.**

Religion and its relationships to culture in different societies. Systems of belief and their translation into ritual and behavior. The role of religion in the value systems of different societies.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit



**ANT404. Political Anthropology. 3 Credits.**

This course is a cross-cultural examination of politics and political organization, law and maintenance of order, corporate groups and ideology, the relations of political institutions to other institutions of society, and issues of identity and representations. We will investigate the following questions: What is power? How is it related to ideology and representations of identity? How is power acquired and used and by whom? We will examine whether forms of power and its relation to ideology differ cross-culturally. Theoretically, we will examine how structural and psychological theorists go about answering these questions.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT405. Anthropology of Morality. 3 Credits.**

Introduces students to the theoretical and philosophical background of the new field of inquiry called the anthropology of moralities. Using ethnographic case studies, we explore the diverse ways that morality is embodied, intertwined with emotions, and experienced across fundamental domains of social and cultural life.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT406. Culture, Self & Meaning. 3 Credits.**

One can conceive of culture as "whatever it is one has to know or believe in order to act in a way that the members of that society consider appropriate." How we process, store and use our knowledge to act in the world is the subject matter of this course. We investigate the feedback relations between the mind and culture by examining how people of different cultures use cognitive processes to make sense of their lives and the world they live in.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT407. Visual Anthropology. 3 Credits.**

An introduction to anthropological theories of visual communication and the history of anthropological representations of non-Western "others."

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT410. Applied Anthropology. 3 Credits.**

Applied anthropology attempts to solve human problems and to facilitate change by drawing upon the knowledge about the culture or subculture for which these solutions and innovations are to be designed. Discussed are agricultural, social, educational and health programs that were conducted in the United States and in other countries, ethical and legal issues, and the organization of work.

**Attributes:**

- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ANT214 Minimum Grade of C-

May not be repeated for credit

**ANT414. The Anthropology of Performance. 3 Credits.**

This course introduces the anthropology of performance. Through cross-cultural examples, it explores the cultural conditions of aesthetic experience, the role of the audience, and how performance can create shared identity, voice protest, or promote ideology.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG 002 Minimum Grade of C-

May not be repeated for credit

**ANT415. The Archaeology of Death. 3 Credits.**

Mortuary data are information on the form and structure of extinct social systems. Mortuary variation is examined using theories devised by archaeologists, anthropologists, and sociologists to interpret prehistoric social and class structure.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT421. Gender and Anthropology. 3 Credits.**

A study of the historical and contemporary position of women in society in a variety of cultures. A theoretical overview and presentations by guest lecturers.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT434. Archaeological Field School. 9 Credits.**

Archaeological excavation to train students in the practical application of archaeological theory and method.

**Attributes:**

- Field Study
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT461. Seminar in Magic, Witchcraft and Sorcery. 3 Credits.**

Beliefs in magic and particularly in witchcraft are placed into general cosmological systems in their cultural contexts so that they are seen to have sociological and psychological functions.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT490. Seminar Four Fields of Anthropol. 3 Credits.**

Students will be expected to write a research paper that focuses on one of the four sub-disciplines of anthropology: biological anthropology; archeology; linguistics; and cultural anthropology. The choice of focus is based on the student's own interest. However, the student will also be asked to think of and work out ways to add perspectives from the other three sub-disciplines into their research project.

**Attributes:**

- Creative Works
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior

**Prerequisites:**

- ANT213 Minimum Grade of C-
- ANT214 Minimum Grade of C-
- ANT215 Minimum Grade of C-
- ANT216 Minimum Grade of C-

May not be repeated for credit

**ANT493. Anthropology Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ANT494. Fieldwork in Anthropology. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ANT495. Indep Study Anthropology. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Arabic (ARB)****ARB101. Elementary Arabic 1. 4 Credits.**

First half of a comprehension-based foundation course. Introduction to Arabic, for students with little or no previous knowledge of the language. Fundamentals of speaking, listening, reading and writing. Basic grammatical concepts and some cultural information about the Arabic-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 1
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 1

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**ARB102. Elementary Arabic 2. 4 Credits.**

Second half of a comprehension-based foundation course. Continuation of Elementary Arabic I. Further fundamentals of speaking, listening, reading and writing. Further basic grammatical concepts, including additional tenses, compound sentences, and the use of connectors, plus additional cultural information about the Arabic-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 2
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 2

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ARB101 Minimum Grade of D-

May not be repeated for credit

**ARB295. Indep Study Arabic. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

## Art Education (ARE)

### ARE200. Art Criticism. 3 Credits.

Examination of problems in the description, analysis, interpretation, and evaluation of art. Focus on developing writing, reading and verbal interpretive skills for educational contexts. Attention is given to the history, purposes, theoretical bases, and techniques of criticism as well as to critical performance and evaluation.

#### Attributes:

- Research
- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Written
- Information Literacy (GE3)
- Liberal Arts
- Writing Intensive

#### Prerequisites:

- ENG180 Minimum Grade of C or ENG206 Minimum Grade of C or ENG207 Minimum Grade of C or ENG170 Minimum Grade of C or ENG002 Minimum Grade of TC

May not be repeated for credit

### ARE217. Integrating Art in the Non-Art Classroom. 3 Credits.

Provides exploration of inquiry-based approaches to art-integrated learning experiences. Includes overviews of approaches to art integration, experience developing integrated learning plans addressing art and non-art standards, and consideration of assessment, collaboration, and support resources.

#### Attributes:

- Research
- GE3: ART
- GE4: The Arts
- Effective Expression/Written

#### Restrictions:

- Must have the following level: Undergraduate

May not be repeated for credit

### ARE293. Art Ed Selected Topic. 3-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

### ARE295. Indep Study Art Ed. 1-12 Credits.

#### Restrictions:

- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts Education (189)

May be repeated for credit

### ARE296. Departmental Elective. 0 Credits.

May be repeated for credit

### ARE299. Modular Course. 0 Credits.

May not be repeated for credit

### ARE300. Contemporary Approaches Art Education. 3 Credits.

Students are introduced to contemporary art education at the elementary level with attention to understanding diverse learners and contexts, critical and reflexive pedagogy, curricular planning, social and cultural factors impacting art education, and art teaching practices. COURSE FEE.

#### Attributes:

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- Writing Intensive

#### Restrictions:

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts Education (189)

#### Prerequisites:

- ARS100 Minimum Grade of C-
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

#### Corequisites:

- ARE390

May not be repeated for credit

### ARE302. Curriculum and Instruction. 3 Credits.

Design and evaluation of art curriculum, instructional strategies and technologies, assessment in secondary settings. Includes critical reflection on connections between schools and communities and culturally responsive pedagogic practices.

#### Attributes:

- Research
- Critical Thinking Intermediate

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts Education (189)

#### Prerequisites:

- ARE300 Minimum Grade of B-

#### Corequisites:

- ARE391

May not be repeated for credit

**ARE303. Theory and Practice. 4 Credits.**

A focus on the development of professional foundations for teaching art. Content includes critical review of related literature, instructional approaches and planning, assessment of student learning, classroom organization and examination of child/adolescent art. COURSE FEE.

**Attributes:**

- Practicum - Non-Clinical
- Research
- Information Mgmt Intrmd

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts Education (189)

**Prerequisites:**

- ARE302 Minimum Grade of B-
- ARE391 Minimum Grade of S

May not be repeated for credit

**ARE305. Disability Studies in Art Education. 3 Credits.**

Introduction to individuals with disabilities as historically under-represented in American society, and now understood to be included in any discourse concerning diversity. Reframing art making to adjust to the idiosyncratic situations of students and teachers in the field.

**Attributes:**

- Research

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts Education (189)

May not be repeated for credit

**ARE308. Art of Necessity. 3 Credits.**

The course provides an in-depth understanding of how art functions in health care settings, through direct interactions with patients, bi-weekly seminars, and research.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts Education (189)

May not be repeated for credit

**ARE316. Learning in Digital Visual Cultures. 3 Credits.**

Students will explore the historical, cultural, and social implications of using technologies both as a learning opportunity and an artmaking medium. Explorations will focus on critical understanding, developing lesson plans, and exploration of digital media. COURSE FEE.

**Attributes:**

- Service Learning
- Research
- Information Mgmt Intro

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Biology (440)
  - Adolescence Ed: Chemistry (441)
  - Adolescence Ed: Earth Science (442)
  - Adolescence Ed: English (443)
  - Adolescence Ed: French (444)
  - Adolescence Ed: Math (446)
  - Adolescence Ed: Physics (449)
  - Adolescence Ed: Social Studies (445)
  - Adolescence Ed: Spanish (447)
  - Art History (525)
  - Art History B-6 (601A)
  - Biology B-6 (601Y)
  - Black Studies B-6 (601B)
  - Early Childhood & Chld Ed B-6 (601)
  - Earth Science B-6 (601T)
  - English B-6 (601E)
  - French B-6 (601F)
  - Geography B-6 (601G)
  - History B-6 (601H)
  - Mathematics B- 6 (601M)
  - Political Science B-6 (601P)
  - Spanish B-6 (601S)
  - Visual Arts (277)
  - Visual Arts Education (189)

May not be repeated for credit

**ARE390. Fieldwork in Art Education I. 1 Credit.**

Fieldwork in elementary art classrooms to critically examine teaching/learning environments, observe instructional strategies, and document participant learning. The fieldwork hours contribute to the New York State's 100-hour pre-student teaching fieldwork requirement for teaching certification. The course must be taken concurrently with ARE300, Contemporary Approaches in Art Education.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts Education (189)

**Prerequisites:**

- ARS100 Minimum Grade of C
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

**Corequisites:**

- ARE300

May not be repeated for credit

**ARE391. Fieldwork in art Education II. 1 Credit.**

Through assisting teachers at various levels, students will engage in such instructional activities as preparation and organization of lesson materials and supplies, small-group instruction, and exhibition of student artwork in school. The course fulfills 45 hours of New York State's 100-hour pre-student teaching fieldwork for teaching certification. The course must be taken concurrently with ARE302 Curriculum and Instruction in Art Education.

**Attributes:**

- Field Study

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts Education (189)

**Prerequisites:**

- ARE390 Minimum Grade of S

**Corequisites:**

- ARE302

May not be repeated for credit

**ARE392. Fieldwork in Art Education III. 1 Credit.**

In collaboration with a cooperating teacher, students will design and teach lessons for young people in area schools. The course fulfills 45 hours of New York State's 100-hour pre-student teaching fieldwork requirement for teaching certification. The course must be taken concurrently with ARE303 Theory and Practice in Art Education.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts Education (189)

**Prerequisites:**

- ARE391

**Corequisites:**

- ARE303

May not be repeated for credit

**ARE393. Art Education Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ARE396. Departmental Elective. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ARE399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ARE405. Student Teaching in Art Pre-K-6. 6 Credits.**

A full-time experience in the major areas of the art teachers' responsibility in the elementary school. A minimum of 30 hours per week for at least 8 weeks.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts Education (189)

**Prerequisites:**

- ARE303 Minimum Grade of B-

May not be repeated for credit



**ARE406. Student Teaching in Art 7-12. 6 Credits.**

A full-time experience in the major areas of the art teachers' responsibility in the high school. A minimum of 30 hours per week for at least 8 weeks.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts Education (189)

**Prerequisites:**

- ARE303 Minimum Grade of B-

May not be repeated for credit

**ARE493. Art Education Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ARE494. Fieldwork in Art Education. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts Education (189)

May not be repeated for credit

**ARE495. Indep Study Art Education. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts Education (189)

May be repeated for credit

## Art History (ARH)

**ARH200. Introduction to the Visual Arts. 3 Credits.**

Introduction to the visual language of art and architecture, formal artistic means, art historical and critical terms. Comparison of major art styles and periods in Western and non-Western art.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**ARH201. Art of the Western World I. 3 Credits.**

Introductory survey of the history of Western art from the Old Kingdom of Egypt to the end of the Middle Ages.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Critical Thinking Introductory
- Effective Expression/Aesthetic
- Information Mgmt Intro
- Liberal Arts

May not be repeated for credit

**ARH202. Art of the Western World II. 3 Credits.**

This course will study the history of Western art from the Renaissance to the twentieth century. Lectures and readings will emphasize cultural and historical context as well as the formal qualities of works of art. The student will become familiar with general ways to analyze art as well as diverse qualities of specific styles and movements in art.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Critical Thinking Introductory
- Effective Expression/Aesthetic
- Information Mgmt Intro
- Liberal Arts

May not be repeated for credit

**ARH207. Film Aesthetics and Criticism I. 3 Credits.**

Aesthetic and critical functions of film within two primary structural models: film as illusion vs. film as reality. Critical references from numerous stances: formalist, psychological, symbolist, existential, sociological, semiotic.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**ARH208. Film Aesthetics and Criticism II. 3 Credits.**

Continuation of ARH207. Works of selected film critics. Film showing at each class.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**ARH210. Images and Ideas Asian Art. 3 Credits.**

Study of selected art traditions in pre-modern India, China, and Japan. Various art historical perspectives will be applied. Students will gain practice in using analytic tools of art history, and in conducting art history research.

**Attributes:**

- Effective Expression/Aesthetic
- Effective Expression/Written
- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

**ARH212. Images and Ideas in World Art. 3 Credits.**

An interdisciplinary exploration of cultural, artistic, and architectural traditions of Africa, the Americas, Oceania, West Asia, South Asia, and Southeast Asia from ancient to modern times.

**Attributes:**

- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

**ARH293. Art Hist Select Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

May be repeated for credit

**ARH295. Independent Study Art History. 0 Credits.**

May be repeated for credit

**ARH296. Departmental Elective. 0 Credits.**

May be repeated for credit

**ARH340. The Arts of Early China. 3 Credits.**

Survey of Chinese art from neolithic times to around A.D. 900. Archaeology, mortuary and religious art and secular traditions will be included as well as the entrance of Buddhism and the beginnings of landscape painting.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH341. The Arts of Later China. 3 Credits.**

Survey of Chinese Art from the tenth century to the present including landscape painting, literati painting, garden art, calligraphy, and ceramics.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH342. The Arts of Japan. 3 Credits.**

Survey of Japanese art from neolithic times to the nineteenth century. Wide range of media, including ceramics, sculpture, painting, architecture, and calligraphy.

**Attributes:**

- Critical Thinking Intermediate
- Effective Expression/Aesthetic
- Information Mgmt Intrmd
- Liberal Arts
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH343. Japanese Arts of the Edo Period. 3 Credits.**

Exploration of Japan's final "pre-modern" period, the Edo or Tokugawa (1600 - 1868), emphasizing its stunning variety in types of artistic medium (lacquer, painting, ceramics, prints, etc.) and in sources of artistic patronage (aristocratic, military, commoner, etc.).

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH344. History of Buddhist Art. 3 Credits.**

We follow and analyze the development of Buddhist art from its beginnings in northeast India through central and East Asia, considering its impact on and adaptation to various Asian traditions; presentations and a research paper are required.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH345. Art in Modern China. 3 Credits.**

Examination of the many artistic roads and philosophical solutions that have been explored in the Chinese art world, and of the astonishing changes this world has undergone, between the mid 19th and early 21st century.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH348. History of Film. 3 Credits.**

Survey of film history from its invention in the late 19th century, including key developments in film form through the silent era, and selective study of key concepts and genres to the present day. PREREQUISITE: Sophomore or greater.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Critical Thinking Intermediate
- Effective Expression/Aesthetic
- Effective Expression/Written
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH354. Nature & Science in 19th Century American Art. 3 Credits.**

Explores influence and role of nature and science in nineteenth-century American art and architecture, with an emphasis on the impact of Darwin's theory of evolution on art.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH355. African-American Art of the Twentieth Century. 3 Credits.**

An exploration of African-American art from the early twentieth century to the present, in all media, focusing on the role of visual art in shaping personal, social, and political identity. Special attention is given to the Harlem Renaissance, the civil rights movement, contemporary trends, and to debates about specific controversial exhibitions.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH356. Architecture of New York City. 3 Credits.**

The architectural history of the five boroughs from the earliest Dutch buildings of the seventeenth century to the most recent skyscrapers.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH358. Modern Art, 1900-1970. 3 Credits.**

Major artists and artistic movements, primarily in Europe and the U.S., from the beginning of the twentieth century to 1970.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH359. Contemporary Art, 1970 to the Present. 3 Credits.**

Theory and criticism of developments in art since 1970, including earthworks, feminist art, public art, collaboration, and internationalism.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH361. Art of the Renaissance in Italy. 3 Credits.**

Architecture, sculpture and painting in Italy during the fifteenth and sixteenth centuries, with emphasis upon the Early and High Renaissance.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH362. Northern European Painting from Van Eyck to Bruegel. 3 Credits.**

Religious and secular painting in the Low Countries, France and Germany during the fifteenth and sixteenth centuries.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH363. Early Medieval Art. 3 Credits.**

European art from the fall of the Roman Empire through the barbarian invasions and Carolingian Revival to the end of the Romanesque period.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH364. Later Medieval Art: Gothic. 3 Credits.**

The evolution of the Gothic style in architecture and sculpture in France during the twelfth century. The iconography of programs in portal sculpture and stained glass. The dissemination of the Gothic style in Europe to the end of the fifteenth century.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH365. Early Greek Art. 3 Credits.**

Greek art from ca. 900 B.C. to the end of the Archaic period.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH366. Later Greek Art. 3 Credits.**

Focus on the art of the Classical and Hellenistic periods, fifth to first centuries B.C.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH367. The Art of Ancient Rome. 3 Credits.**

The art and architecture of the Roman Republic and Empire from the first century B.C. to the fourth century A.D.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH368. History of Photography. 3 Credits.**

A survey of the art and techniques of photography from the earliest forms in the 1840's. The mutual influences between photography and painting, especially in the nineteenth century. The development of cameras and films. The work of individual photographers and the language of criticism of photographs.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH369. History of Modern Design. 3 Credits.**

Significant developments in design and the decorative arts of the Modern Movement, largely in the twentieth century. A variety of object types will be considered and situated within the major movements in Europe and the United States, with emphasis on their social, cultural, political and economic contexts.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH371. Columns and Cast Iron: Architecture of the Nineteenth Century. 3 Credits.**

The development of the picturesque eclectic building styles in Europe and America including Romantic Classicism, Renaissance, Gothic, Queen Anne, Romanesque and Colonial Revivals. Some examination also of the influence of technology on architecture.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH372. Building the Twentieth Century: Architecture and Urban Design. 3 Credits.**

The development of new forms in architecture and urban design before World War II by theorists such as Wright, Gropius, Miles and LeCorbusier. The dissemination of these ideas, especially in America. The anti-formalist reaction of the 1960s. Post-Modernism and eclecticism.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH375. History of Decorative Arts. 3 Credits.**

From the general categories of furniture, metalwork, ceramics, glass, textiles and interior design, the course focuses on certain media and historical periods.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH378. Sacred Spaces, Divine Images. 3 Credits.**

The visual and philosophical dimensions of Indian Art and architecture from about 2500 B.C. to A.D. 500.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH381. Arts of Asia II: The Continuing Tradition. 3 Credits.**

The arts of China, India and Japan; seventh century to the present. Hindu sculpture and architecture; Chinese painting and ceramics; the imagery of Zen Buddhism; Asian responses to the West.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH382. American Art. 3 Credits.**

American architecture, painting, and sculpture from the Colonial period to the present.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH384. Art of the Nineteenth Century. 3 Credits.**

Major directions in European art such as Neoclassicism, Romanticism, Academic Art, the Pre-Raphaelites, Realism, and Impressionism.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit



**ARH385. Visualizing Greco-Roman Myth. 3 Credits.**

An in-depth exploration of mythological imagery's many functions in ancient Greece and Italy, including the enforcement of social values, formation of collective identities, political propaganda, and allusions to contemporary events.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH386. Art of Ancient Egypt. 3 Credits.**

Development of Egyptian art from the Pre-Dynastic Era through the end of the Late Period.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH387. Art of the Islamic World. 3 Credits.**

A survey of Islamic art in Persia, Syria, Egypt, North Africa, Spain, and India.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH388. Intro. to the Native Arts of Africa, Oceania and No.America. 3 Credits.**

Traditional sculpture, painting, building and crafts of the indigenous peoples of Africa, the islands of the South Pacific, and North America.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH390. Italian Renaissance Painting. 3 Credits.**

Painting from the early fifteenth through the mid sixteenth century in central Italy, especially Florence and Rome, and in Venice and other northern centers, covering the Early and High Renaissance and Mannerism.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH391. Baroque Painting. 3 Credits.**

The development of the national schools of painting in Italy, the Low Countries, Spain, France, and England in the seventeenth and eighteenth centuries.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH393. Art History Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ARH396. Departmental Elective. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ARH399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH401. Art of the Ancient Near East. 3 Credits.**

The art and architecture of Asia Minor, Mesopotamia, and Iran from the Neolithic era to the Achaemenian Persian Empire studied in relation to myth, religion and social structure.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH420. Art of the Hudson Valley. 3 Credits.**

Survey of painting and architecture in the Hudson Valley from the Colonial period to 1940; some references to sculpture and the decorative arts.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH442. Eighteenth-Century Arts. 3 Credits.**

The era from Louis XIV to Napoleon in painting, sculpture, architecture, and the decorative arts.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH444. Impressionism and Post-Impressionism. 3 Credits.**

Covers development of art in late nineteenth century France and various approaches represented by Manet, Renoir, Degas, Morisot, and others. Avant-garde movements in the wake of Impressionism includes discussion of Seurat, van Gogh, Gauguin, and Cezanne.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH445. Encounters with Islam: Art. 3 Credits.**

An interdisciplinary exploration of artistic exchange between the Islamic sphere, Europe, and North America between the ninth and nineteenth centuries CE, highlighting the circulation of objects, techniques, designs, and ideas across cultural, political, religious, and geographical boundaries.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH446. Surrealism. 3 Credits.**

Surveys Surrealist ideas, writings, paintings, films, objects, etc. in their historical contexts, examining the various positions of those who claim the label "Surrealist," the impact that the movement had in its own time, and since.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**ARH451. Introduction to Museum Studies. 3 Credits.**

Historical development of art museums and their function, including the related fields of public art education, arts administration, art conservation, etc. Career options in the field.

**Attributes:**

- Research
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH452. Chinese Painting: Figure in Landscape. 3 Credits.**

Exploration of the major developments and issues affecting the landscape genre (s) in Chinese painting between the second century BC and the present, with emphasis on how figures relate to the depicted landscape visually and/or conceptually.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH456. Art History: Theories and Approaches. 3 Credits.**

What is art history? This question is explored through reading selected passages from the history of art history and from recent theoretical writings that question traditional approaches to the discipline. We look at diverse approaches that have been used to interpret art, including biography, style, periodization, iconography and iconology, psychoanalysis, patronage, feminism, Marxism, reception theory, social history, and semiotics.

**Attributes:**

- Research
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ARH461. Honors Thesis in Art History I. 3 Credits.**

Independent study and writing of a thesis under faculty supervision on a topic selected by the student in consultation with the faculty. Open to qualified Art History majors who have been admitted to the Art History honors program. Credit for ARH461 is not allowed unless ARH462 is completed.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ARH462. Honors Thesis in Art History II. 3 Credits.**

Continuation of ARH461.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ARH461 Minimum Grade of C-

May not be repeated for credit

**ARH493. Art History Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ARH494. Fieldwork In Art History. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ARH495. Indep Study Art History. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

## Art Studio (ARS)

**ARS100. Drawing: Visual Thinking I. 3 Credits.**

This course is designed to present two basic attitudes towards drawing - first, that of drawing as preparation for larger works or ideas, and second, that of drawing as an end in itself. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Graphic Design (279)
  - Visual Arts (277)
  - Visual Arts Education (189)

May not be repeated for credit

**ARS101. Drawing: Visual Thinking II. 3 Credits.**

Drawing: Visual Thinking 2 will build conceptually on Drawing: Visual Thinking I, but will place greater emphasis on experimental processes, independent problem solving, and the development of a personal vocabulary. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Graphic Design (279)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS100 Minimum Grade of C or ARS105 Minimum Grade of C

May not be repeated for credit

**ARS102. Design: Color. 3 Credits.**

This course explores color theory and two-dimensional composition through consideration of content, context, and audience. The course provides a sequence of projects that investigate the use of color, image and design via both traditional and emerging media. FEE FOR MATERIALS.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Graphic Design (279)
  - Visual Arts (277)
  - Visual Arts Education (189)

May not be repeated for credit

**ARS103. Design: Form. 3 Credits.**

Explores three-dimensional and time-based work. Projects utilize traditional sculpture media and digital technology to explore contemporary understandings of form, structure, space, time, materiality, site and performance. FEE FOR MATERIALS.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Graphic Design (279)
  - Visual Arts (277)
  - Visual Arts Education (189)

May not be repeated for credit

**ARS105. Intro to Studio Art. 3 Credits.**

This course is specifically oriented for students who have little or no formal art instruction. It is created to assist students in the development of their own artistic potential and awareness of visual culture. A range of processes and materials will be explored through a variety of projects. FEE FOR MATERIALS.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Liberal Arts
- Performance

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration):
  - Graphic Design (279)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit

**ARS110. Introduction to Ceramics. 3 Credits.**

Introduction to basic concepts, tools and methods to form, glaze, decorate and fire pottery and ceramics. FEE FOR MATERIALS.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Liberal Arts
- Performance

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration):
  - Graphic Design (279)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit

**ARS112. Art Seminar. 3 Credits.**

Art Seminar is a series of discussions and workshops. Through dialogue, writing, and independent projects students develop connections between critical thinking and their art studio work.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

May not be repeated for credit

**ARS113. Designed World. 3 Credits.**

Designers create objects, experiences, interactions, and environments. These designs shape how we relate to ourselves, each other, and the world. In this class, we'll explore how design across disciplines influences our daily lives.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**ARS120. Introduction to Metal. 3 Credits.**

Introduction to the basic concepts, design and execution of jewelry and objects in a variety of metals requiring different techniques. FEE FOR MATERIALS.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Liberal Arts
- Performance

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration):
  - Graphic Design (279)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit

**ARS140. Introduction to Painting. 3 Credits.**

Basic course in the use of materials and organizational concepts in painting (use of light, value and color).

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Liberal Arts
- Performance

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration):
  - Graphic Design (279)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit

**ARS150. Introduction to Photography. 3 Credits.**

Introduction to photographic concepts, camera use, processes and techniques. May be darkroom or digital. Please check with instructor. FEE FOR MATERIALS.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Liberal Arts
- Performance

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration):
  - Graphic Design (279)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit



**ARS160. Introduction to Printmaking. 3 Credits.**

Survey of studio experience covering basic printmaking processes. FEE FOR MATERIALS.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Liberal Arts
- Performance

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration):
  - Graphic Design (279)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit

**ARS170. Introduction to Sculpture. 3 Credits.**

Introduction to sculptural processes involving the use of tools, materials, fabrication techniques and organization of forms in space. FEE FOR MATERIALS.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Liberal Arts
- Performance

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration):
  - Graphic Design (279)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit

**ARS193. Art Studio Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Graphic Design (279)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit

**ARS205. Graphic Design. 3 Credits.**

An introduction to Graphic Design, technique, practice and theory. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Intro

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- (ARS100 Minimum Grade of C\* and ARS101 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS102 Minimum Grade of C\* and ARS103 Minimum Grade of C\*)

\* May be taken at the same time

May not be repeated for credit

**ARS210. Basic Ceramics. 3 Credits.**

Forming, glazing, decorating, and firing of pottery and ceramics. Sculptural possibilities of ceramics. An overview of ceramic history and contemporary work is researched and discussed. FEE FOR MATERIALS. Students must complete at least two Foundation courses before enrolling in a basic studio. Remaining Foundation classes may be taken concurrently with Basic studios.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- (ARS100 Minimum Grade of C\* and ARS101 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS102 Minimum Grade of C\* and ARS103 Minimum Grade of C\*)

\* May be taken at the same time  
May not be repeated for credit

**ARS220. Basic Metal. 3 Credits.**

Introduction to the broad range of materials, techniques and formats characteristic of metal art. FEE FOR MATERIALS. Students must complete at least two Foundation courses before enrolling in a basic studio. Remaining Foundation classes may be taken concurrently with Basic studios.

**Attributes:**

- Critical Thinking Introductory

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- (ARS100 Minimum Grade of C\* and ARS101 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS102 Minimum Grade of C\* and ARS103 Minimum Grade of C\*)

\* May be taken at the same time  
May not be repeated for credit

**ARS230. Basic Digital Photography. 3 Credits.**

This course provides the student with an introduction to the techniques used in creating and manipulating photographs in a digital environment using Adobe Photoshop. Technical material covered includes input methods, image quality, resolution, collage, layers and masks, and output techniques. The potentials of digital photography are explored and discussed. Through readings, discussion and studio projects, the class also addresses how the meaning of photographs may be constructed or altered with the computer. Issues of representation and veracity in digital photography and questions of appropriation and authorship of images are among the topics which are explored. Students are encouraged to purchase a digital camera, some are provided. FEE FOR MATERIALS. Students must complete at least two Foundation courses before enrolling in a basic studio. Remaining Foundation classes may be taken concurrently with Basic studios.

**Attributes:**

- Critical Thinking Introductory

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- (ARS100 Minimum Grade of C\* and ARS101 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS102 Minimum Grade of C\* and ARS103 Minimum Grade of C\*)

\* May be taken at the same time

May not be repeated for credit

**ARS240. Basic Painting. 3 Credits.**

Introduction to the principal concepts, materials, and techniques of painting, with primary emphasis on painting from observation. FEE FOR MATERIALS. Students must complete at least two Foundation courses before enrolling in a basic studio. Remaining Foundation classes may be taken concurrently with Basic studios.

**Attributes:**

- Critical Thinking Introductory

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- (ARS100 Minimum Grade of C\* and ARS101 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS102 Minimum Grade of C\* and ARS103 Minimum Grade of C\*)

\* May be taken at the same time

May not be repeated for credit

**ARS250. Basic Analog Photography. 3 Credits.**

Introduction to black and white darkroom techniques and concepts in photography as a visual language, including camera use, film and print processing and presentation. Creative uses and contemporary issues of ethics, semiotics and critical methodology are discussed. Students are encouraged to have a 35mm camera. FEE FOR MATERIALS. Students must complete at least two Foundation courses before enrolling in a basic studio. Remaining Foundation classes may be taken concurrently with Basic studios.

**Attributes:**

- Information Mgmt Intro

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- (ARS100 Minimum Grade of C\* and ARS101 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS102 Minimum Grade of C\* and ARS103 Minimum Grade of C\*)

\* May be taken at the same time

May not be repeated for credit

**ARS260. Basic Wood Design. 3 Credits.**

Exploration of the distinctive characteristics and artistic possibilities of wood, utilizing the techniques of shaping and joining. FEE FOR MATERIALS. Students must complete at least two Foundation courses before enrolling in a basic studio. Remaining Foundation classes may be taken concurrently with Basic studios.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- (ARS100 Minimum Grade of C\* and ARS101 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS102 Minimum Grade of C\* and ARS103 Minimum Grade of C\*)

\* May be taken at the same time

May not be repeated for credit

**ARS270. Basic Sculpture. 3 Credits.**

Introduction to the spatial concepts, materials and techniques utilized in sculpture. Students learn woodworking, metal fabrication and plaster casting while solving conceptual problems. An overview of sculpture (historical and contemporary) is researched and discussed. FEE FOR MATERIALS. Students must complete at least two Foundation courses before enrolling in a basic studio. Remaining Foundation classes may be taken concurrently with Basic studios.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intrmd

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- (ARS100 Minimum Grade of C\* and ARS101 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS102 Minimum Grade of C\* and ARS103 Minimum Grade of C\*)

\* May be taken at the same time

May not be repeated for credit

**ARS280. Basic Printmaking. 3 Credits.**

Introduction to the printmaking processes in relief, intaglio, and lithograph. Historical development of each medium. FEE FOR MATERIALS. Students must complete at least two Foundation courses before enrolling in a basic studio. Remaining Foundation classes may be taken concurrently with Basic studios.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- (ARS100 Minimum Grade of C\* and ARS101 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS100 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS102 Minimum Grade of C\*) or (ARS101 Minimum Grade of C\* and ARS103 Minimum Grade of C\*) or (ARS102 Minimum Grade of C\* and ARS103 Minimum Grade of C\*)

\* May be taken at the same time

May not be repeated for credit

**ARS293. Art Studio Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit



**ARS295. Independent Study Art. 1-12 Credits.**

Specific guidelines and required forms available in the Art Department office. A materials fee may be applied.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit

**ARS299. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

May not be repeated for credit

**ARS301. Thematic Drawing. 3 Credits.**

Intermediate level study emphasizing a topic-focused approach to image development. A variety of subjects and drawing processes will be explored in depth. May be repeated for credit. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Intro

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

May be repeated for credit

**ARS302. Material Dialogues. 3 Credits.**

Material Dialogues focuses on the integration of alternative materials and methods not usually associated with conventional formats of making. Emphasis will also be on layered contents and on multiple mediums utilized to create sculpture. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS270 Minimum Grade of C\*
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

**ARS303. Figure Drawing. 3 Credits.**

Intermediate level study. Drawing from the model and other natural forms. Emphasis on mastering anatomy, proportion, volumes, lighting and context, as well as interpretive approaches to the human figure. May be repeated for credit. FEE FOR MATERIALS.

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

May be repeated for credit

**ARS304. Sonic Measures. 3 Credits.**

Sound/Audio information that is used exclusively as the sole medium in projects and as information that is integrated with other materials and media. FEE FOR MATERIALS.

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS270 Minimum Grade of C\*
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

**ARS305. Advanced Drawing. 3 Credits.**

Problems in drawing in all media, encompassing traditional and experimental concepts, techniques and approaches to image development. May be repeated for credit. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS301 Minimum Grade of C or ARS303 Minimum Grade of C

May be repeated for credit

**ARS306. Visible Systems. 3 Credits.**

Students learn a variety of techniques as they solve communications problems. Emphasis is placed on: high quality visual form, on understanding how certain kinds of signs elicit different kinds of responses from particular audiences, and on incorporating secondary research into convincing visual argumentation. FEE FOR MATERIALS.

**Attributes:**

- Critical Thinking Introductory

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Sophomore
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\* or ARS103 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

**ARS307. Typography. 3 Credits.**

Covers technical, formal, and expressive aspects of type, the designer's primary vehicle for visual communications. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Sophomore
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\* or ARS103 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

**ARS308. Type & Image. 3 Credits.**

Techniques and strategies for combining text with photographic images to create resonant, clear and potent communications. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Intrmd

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Sophomore
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS205 Minimum Grade of B- and ARS307 Minimum Grade of B\*

\* May be taken at the same time

May not be repeated for credit

**ARS309. Printed Books. 3 Credits.**

A hands-on involvement in producing books that contain sustained texts. Topics include book structures, sequential readings, materials and meanings, etc. May be repeated for credit with permission of instructor. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Graphic Design (279)

**Prerequisites:**

- ARS205 Minimum Grade of B- and ARS306 Minimum Grade of B- and ARS307 Minimum Grade of B- and ARS308 Minimum Grade of B-

May be repeated for credit

**ARS310. Visual Language I. 3 Credits.**

An in-depth inquiry into a particular aspect of visual language. Topics vary each time the course is offered. May be repeated for credit with instructor permission. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in one of the following classes: Senior, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS205 Minimum Grade of B- and ARS306 Minimum Grade of B- and ARS307 Minimum Grade of B-

May be repeated for credit

**ARS312. New Media 3D + 4D. 3 Credits.**

Students will explore the use of new digital media in the third and fourth dimensions by investigating digital video, DVD authoring, and interactivity/robotics. Students will spend equal time in the computer lab and sculpture studio. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Advanced

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS100 Minimum Grade of C or ARS105 Minimum Grade of C
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C
- ARS270 Minimum Grade of C

**ARS313. Sculpture Casting & Moldmaking. 3 Credits.**

Mold making and casting processes and techniques used in the production of multiple and singular castings. The course will also explore an assortment of casting materials. Projects for the course will include the integration of castings with other media. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*
- ARS270 Minimum Grade of C

\* May be taken at the same time

May not be repeated for credit

**ARS314. Ceramic Materials. 3 Credits.**

Exploration and research with the nature and methodology of the materials used in ceramics. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS210 Minimum Grade of C or ARS325 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

May be repeated for credit

**ARS316. Sculpture Situations. 3 Credits.**

Sculpture Situations is an advanced course which addresses the context in which sculpture operates in the contemporary art world. The course investigates installation, site intervention/alteration, public art and performance. FEE FOR MATERIALS.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS100 Minimum Grade of C or ARS105 Minimum Grade of C
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C
- ARS270 Minimum Grade of C

May be repeated for credit

**ARS318. Ceramic Sculpture. 3 Credits.**

Sculpture and architecturally oriented forms using clay as the medium and vehicle of expression. History and concepts explored. FEE FOR MATERIALS.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS210 Minimum Grade of C
- ARS270 Minimum Grade of C
- ARS 315 Minimum Grade of C

May be repeated for credit

**ARS320. Essential Electronics and Kinetics for Artists. 3 Credits.**

This course instructs students in the use and application of basic electronics and mechanics in their artwork. This is a studio based course where student projects integrate electronics and kinetics. The class also examines and contextualizes this type of work with historical and current art production. This course may be repeated for credit. FEE FOR MATERIALS.

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS100 Minimum Grade of C or ARS105 Minimum Grade of C
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C
- ARS270 Minimum Grade of C

May be repeated for credit

**ARS321. Construction and Fabrication. 3 Credits.**

Methods related to building with sheet metal; soldering and welding techniques, as well as mechanical connections. May be repeated for credit. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Intro

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Metal (272)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS220 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

May be repeated for credit



### ARS322. Processes and Experimental Techniques I. 3 Credits.

Exploration of non-traditional metal techniques, including electroforming and surface treatments. May be repeated for credit. FEE FOR MATERIALS.

#### Attributes:

- Critical Thinking Intermediate

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Metal (272)
  - Visual Arts (277)
  - Visual Arts Education (189)

#### Prerequisites:

- ARS100 Minimum Grade of C or ARS105 Minimum Grade of C
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C
- ARS220 Minimum Grade of C

May be repeated for credit

### ARS323. Processes and Experimental Techniques II. 3 Credits.

Continuation of ARS322. Advanced level study involving casting and mold making. May be repeated for credit. FEE FOR MATERIALS.

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Metal (272)
  - Visual Arts (277)
  - Visual Arts Education (189)

#### Prerequisites:

- (ARS220 Minimum Grade of C and ARS321 Minimum Grade of C) or (ARS220 Minimum Grade of C and ARS322 Minimum Grade of C) or (ARS220 Minimum Grade of C and ARS326 Minimum Grade of C)
- ARS100 Minimum Grade of C or ARS105 Minimum Grade of C
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C

May be repeated for credit

### ARS324. Enameling. 3 Credits.

The study of various enameling processes and formats including: Limoges, Champleve, Cloisonne, and Basse-taille methods. FEE FOR MATERIALS.

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Metal (272)
  - Visual Arts (277)
  - Visual Arts Education (189)

#### Prerequisites:

- (ARS220 Minimum Grade of C\* and ARS321 Minimum Grade of C\* and ARS322 Minimum Grade of C\*) or (ARS220 Minimum Grade of C\* and ARS321 Minimum Grade of C\* and ARS323 Minimum Grade of C\*) or (ARS220 Minimum Grade of C\* and ARS321 Minimum Grade of C\* and ARS326 Minimum Grade of C\*) or (ARS220 Minimum Grade of C\* and ARS322 Minimum Grade of C\* and ARS323 Minimum Grade of C\*) or (ARS220 Minimum Grade of C\* and ARS322 Minimum Grade of C\* and ARS326 Minimum Grade of C\*) or (ARS220 Minimum Grade of C\* and ARS323 Minimum Grade of C\* and ARS326 Minimum Grade of C\*)

\* May be taken at the same time

May be repeated for credit

### ARS325. Ceramics Processes and Techniques 1. 3 Credits.

Exploration of experimental processes and techniques of working in clay: simple molds, slip cast techniques, hand building and clay and glazes, some application of computer three-dimensional design programs to the research and creative process. COURSE FEE. FEE FOR MATERIALS.

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

#### Prerequisites:

- ARS210 Minimum Grade of C
- ARS100 Minimum Grade of C or ARS105 Minimum Grade of C
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C

May be repeated for credit

**ARS326. Metal Forming. 3 Credits.**

The use and application of metal forming techniques; including raising, forging, and die-forming. May be repeated for credit. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Metal (272)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS220 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

May be repeated for credit

**ARS327. Ceramics Processes and Techniques II. 3 Credits.**

An advanced level of exploration experimental processes and techniques of working in clay; simple molds, slip cast techniques, hand building and clay and glazes, application of computer three-dimensional design programs to the research and creative process use of standard studio clay bodies. COURSE FEE. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS210 Minimum Grade of C
- ARS325 Minimum Grade of C
- ARS100 Minimum Grade of C or ARS105 Minimum Grade of C
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C

May be repeated for credit

**ARS328. Artist Survival Skills. 3 Credits.**

Seminar focuses on professional skills utilized by artists for survival in the field. Students investigate contemporary professional practices relevant to artists. Topics may include: grant writing, documentation of artwork, web presence, and exhibition opportunities. FEE FOR MATERIALS.

**Restrictions:**

- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)

May be repeated for credit

**ARS329. Design Research. 3 Credits.**

Design Research introduces basic strategies in research for graphic designers, including literature reviews, surveys and questionnaires, focus groups, photo ethnography, visual ethnography, visual anthropology, observational research and the use of personas.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Graphic Design (279)

**Prerequisites:**

- ARS205 Minimum Grade of B- and ARS306 Minimum Grade of B- and ARS307 Minimum Grade of B- and ARS308 Minimum Grade of B-

May not be repeated for credit

**ARS330. Wheel Throwing 1. 3 Credits.**

Obtain basic technical knowledge and skills in both throwing and altering thrown forms. Small scale and basic utilitarian and sculptural form making assignments develop critical and design skills. Explore historical, traditional and innovative use of the wheel. COURSE FEE. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS210 Minimum Grade of C
- ARS100 Minimum Grade of C or ARS105 Minimum Grade of C
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C

May not be repeated for credit

**ARS331. Image in Context. 3 Credits.**

Exploration of the photographic image in context: mixed media, site specificity, image sequence. Students are challenged take initiative in the conceptual and technical development of creative work that critically harnesses the powerful impact of images on contemporary society. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS230 Minimum Grade of C or ARS250 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

May be repeated for credit

**ARS332. The Large Format Image. 3 Credits.**

The course introduces the view camera and traditional photographic values. Techniques include camera controls, Zone System, fine printing in b/w and in digital color. Traditional and innovative uses of the view camera are explored through student projects and the study of historical and contemporary examples. Cameras are provided. May be repeated for credit in color. FEE FOR MATERIALS.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS250 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

May be repeated for credit

**ARS333. Advanced Digital Color Photography. 3 Credits.**

This course focuses on advanced digital color processing/printing techniques and explores the role of technical research and experimentation in creative work. Among the areas studied are inkjet and laser printing from digital files on a variety of materials and advanced digital color techniques for using masks, channels and color management. Emphasis is on understanding advanced techniques, experimentation and conceptual development. May be repeated for credit with permission of instructor. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Photography (276)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS230 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

May be repeated for credit

**ARS334. Digital Video. 3 Credits.**

Introduces digital video and audio capture and editing techniques. Explores the creative dimension of time-based media and related techniques through individual and/or collaborative experimental projects. Class discussions, screenings, and readings address critical issues in video art. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS230 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

May be repeated for credit

**ARS335. Design for the Web. 3 Credits.**

Design for the Web introduces basic web design principles. While we will concentrate on learning to write and style markup languages on the web, this is a class about visual problem-solving and user-centered design.

**Restrictions:**

- Must not be enrolled in one of the following classes: Senior, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS205 Minimum Grade of B-
- ARS306 Minimum Grade of B-
- ARS307 Minimum Grade of B-

May not be repeated for credit

**ARS336. Wheel Throwing II. 3 Credits.**

Obtain broad technical knowledge develop skills in both throwing and altering thrown forms. Large scale and complex assignments develop also critical and design skills. Explore historical, traditional and innovative use of the wheel. COURSE FEE. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS210 Minimum Grade of C
- ARS330 Minimum Grade of C
- ARS100 Minimum Grade of C or ARS105 Minimum Grade of C
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C

May be repeated for credit

**ARS343. Intermediate Painting. 3 Credits.**

Further development of technical painting skills with emphasis on more complex treatments of color, form, and pictorial space. Introduction to a range of creative approaches to image development. May be repeated for credit. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS240 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time  
May be repeated for credit



**ARS344. Water Media/Collage. 3 Credits.**

Watercolor, inks, gouache, polymers, and/or collage materials may be explored separately or in combination, using a variety of subject matter. May be repeated for credit. FEE FOR MATERIALS.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS240 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

May be repeated for credit

**ARS345. Advanced Painting. 3 Credits.**

Advanced-level study with emphasis on contemporary approaches to content, format, materials, and imagery. Changing topically-focused sections and challenging projects encourage development of a personal idiom. May be repeated for credit. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS240 Minimum Grade of C
- ARS343 Minimum Grade of C\*

\* May be taken at the same time

May be repeated for credit

**ARS346. Digital Painting Lab. 3 Credits.**

Multi-media studio course introducing digital art studio practice focused on digital imaging and cross-media experimentation; builds on skills, techniques, and critique of digital art concepts like compositing, appropriation, collage, and remixing. Direct and transfer printing taught for varied substrates. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Intrmd

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS240 Minimum Grade of C
- ARS343 Minimum Grade of C\*

\* May be taken at the same time

May be repeated for credit

**ARS350. The Constructed Image. 3 Credits.**

Introduces the student to photographic lighting and the creation of constructed images. Techniques studied include studio lighting with hot lights, studio strobes, on-camera flash, specific lighting problems and close-ups. Creating set-ups and the construction of images are explored through projects investigating still-life, portraiture, tableau and illusion. May be repeated for credit. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS230 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time  
May be repeated for credit

**ARS361. Wood Design and Techniques. 3 Credits.**

An introduction to advanced woodworking techniques. Students will build upon skills learned in ARS260 to facilitate the realization of forms and constructions of utilitarian and/or artistic interest. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS260 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time  
May be repeated for credit

**ARS365. Work in Progress Review. 0 Credits.**

Review and discussion of conceptual, technical, and material considerations related to relationships between student's academic minors and studio artwork and practices.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts (277)

May not be repeated for credit

**ARS370. Book Arts. 3 Credits.**

Book Arts is an interdisciplinary course, designed to introduce students to the concepts and techniques used in making artists' books. Topics to be explored include the visualization of ideas in book form, the use of a variety of materials and structures, narrative progression, and combining text and images. Traditional book formats and binding techniques will be taught, but emphasis will be on innovative uses of the book as a vehicle for ideas. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

**ARS371. Data Visualization. 3 Credits.**

Data Visualization is a functional art form that provides insight into complex topics. Students research, plan, and map written records about the world to appropriate visual attributes. Students create interactive, context-rich visual reading experiences.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Digital Media Management (552)
  - Digital Media Production (551)
  - Graphic Design (279)
  - Psychology (539)
  - Visual Arts (277)

**Prerequisites:**

- ARS306 Minimum Grade of C

May not be repeated for credit

**ARS375. Welding Fabrication & Concepts. 3 Credits.**

Intermediate sculpture course focusing on specialized techniques in welding and fabrication. The techniques and processes associated with welding and brazing will be conjoined with temporary concepts of sculpture. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS270 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

May be repeated for credit

**ARS380. Photo Silkscreen. 3 Credits.**

The course will explore one of the most versatile of printmaking techniques, silkscreen. An emphasis will be placed on photo stencils, multi-color prints, registration, screen construction, all manner of mark making on screen, up scaling of digital imagery, editioning of prints, translation of images onto non-traditional supports. All materials will be water soluble and non-toxic. The course may be repeated for credit. FEE FOR MATERIALS.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS280 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time  
May be repeated for credit

**ARS381. Monotype Printmaking. 3 Credits.**

The course explores monotype the painterly print. Monotype is an exciting printmaking medium which involves painting, drawing and printmaking. Unique one of a kind images are developed using a variety of traditional, contemporary and innovative approaches. May repeat for credit. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Intrmd

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS280 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time  
May be repeated for credit

**ARS382. Media-Intervention. 3 Credits.**

This course is an exploration of a cross-disciplinary integration between printmaking and sculpture methods. It will lead to the production of works that capitalize on the potential of mixed media and experimental blends that are inherent to each option. The two fields share an enormous variety of techniques and constantly overlapping processes. The course intends to blur the boundaries between the defined areas and create a richer vocabulary for artistic ideas and expression. May repeat for credit. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS280 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time  
May be repeated for credit

**ARS385. Printmaking - Lithography. 3 Credits.**

This course will explore hand drawn, photo and digital applications for stone, plate, and photo positive plate lithography. Student may develop ideas in black and white or color. May be repeated for credit. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS280 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time  
May be repeated for credit

**ARS386. Printmaking - Intaglio. 3 Credits.**

This course begins with a brief introduction/review of basic etching and dry point techniques, followed by advanced applications. May be repeated for credit. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS280 Minimum Grade of C
- ARS100 Minimum Grade of C or ARS105 Minimum Grade of C
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C

May be repeated for credit



**ARS387. Papermaking. 3 Credits.**

Hand-papermaking techniques for the creating of two and three-dimensional works. COURSE FEE.

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS280 Minimum Grade of C

May be repeated for credit

**ARS393. Art Studio Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit

**ARS399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit

**ARS400. Drawing Projects. 3 Credits.**

Allows students with considerable drawing experience to focus on specific issues, topics or problems in depth. Emphasis on sustained development of bodies of related works, and their critical assessment in a contemporary context. May be repeated for credit. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS301 Minimum Grade of C
- ARS100 Minimum Grade of C or ARS105 Minimum Grade of C
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C

May be repeated for credit

**ARS401. Motion Design. 3 Credits.**

Introduction to technical and conceptual skills essential to motion design. Students will learn how to design motion pieces from concept to execution and think critically about the unique position of motion graphics in relation to the fields of film, broadcast, advertising and graphic design. Particular attention will be paid to the basics of movement and typographic design for motion.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Graphic Design (279)

**Prerequisites:**

- ARS306 Minimum Grade of B-
- ARS307 Minimum Grade of B-

May not be repeated for credit

**ARS402. Design for Web II. 3 Credits.**

Advanced topics and professional practices in web design, programming, and development.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Graphic Design (279)

**Prerequisites:**

- ARS335 Minimum Grade of B-
- ARS306 Minimum Grade of B-

May not be repeated for credit

**ARS403. Contemporary Ideas in Painting. 3 Credits.**

Advanced level studio work coupled with seminar on contemporary issues in the field. Senior Studio preparation. May be repeated for credit.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS240 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time

May be repeated for credit

**ARS404. Graphic Design Application. 3 Credits.**

Design projects culminate in a professional level Design portfolio. Students develop a resume and cover letters. Readings and discussions on various professional paths and opportunities in Design. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Graphic Design (279)

**Prerequisites:**

- ARS407 Minimum Grade of B-

**Corequisites:**

- ARS408

May not be repeated for credit

**ARS405. Design Theory and Criticism. 3 Credits.**

This course focuses on the application of semiotics and critical theory to Graphic Design Practice. Classes are split between discussions of ideas, issues, and theory, and critiques of studio projects. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Graphic Design (279)

**Prerequisites:**

- ARS205 Minimum Grade of B- and ARS306 Minimum Grade of B- and ARS307 Minimum Grade of B- and ARS308 Minimum Grade of B- and ARS335 Minimum Grade of B-

May not be repeated for credit

**ARS406. Interaction Design. 3 Credits.**

Explores issues related to: interface design, motion design, & interactive media. Studio based, students produce design artifacts relating to the above. May be repeated for credit with instructor permission. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Graphic Design (279)

**Prerequisites:**

- ARS205 Minimum Grade of B- and ARS306 Minimum Grade of B- and ARS307 Minimum Grade of B- and ARS308 Minimum Grade of B- and ARS335 Minimum Grade of B-

May be repeated for credit

**ARS407. Graphic Design Thesis I. 3 Credits.**

The design thesis is a focused exploration of a design idea or area. Students pursue their idea both verbally and visually. Their investigation positions students relative to conventional and contemporary practice. Both visuals and text are formally presented to the design option at the completion of the project. FEE FOR MATERIALS.

**Attributes:**

- Critical Thinking Advanced
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Graphic Design (279)

May not be repeated for credit

**ARS408. Graphic Design Thesis II. 3 Credits.**

The design thesis is a focused exploration of a design idea or area. Students pursue their idea verbally and visually. Their investigation positions students relative to conventional and contemporary practice. Both visuals and text are formally presented to the design option at the completion of the project. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Graphic Design (279)

**Prerequisites:**

- ARS407 Minimum Grade of B-

**Corequisites:**

- ARS404

May not be repeated for credit

**ARS411. Senior Studio in Ceramics I. 3 Credits.**

Independent thesis study. Senior student researches and prepares a body of work for exhibition that is independent of any other course work and is reviewed by the ceramics faculty. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Ceramics (271)

May not be repeated for credit

**ARS412. Senior Studio in Ceramics II. 3 Credits.**

Independent thesis study. Senior student researches and prepares a body of work for exhibition that is independent of any other course work and is reviewed by the ceramics faculty. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Ceramics (271)

May not be repeated for credit

**ARS414. Ceramics Seminar. 3 Credits.**

This course investigates historical and contemporary issues relevant to ceramic art, craft, and industry. Through readings, written response, discussions, and presentations, student develop a broad understanding of the field. The course is intended for students studying art, ceramics, and those who are interested in 20th century and current topics in the field of ceramics.

**Attributes:**

- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARH201 Minimum Grade of C-
- ARH202 Minimum Grade of C-
- ARS210 Minimum Grade of C or (ARS318 Minimum Grade of C or ARS325 Minimum Grade of C or ARS327 Minimum Grade of C or ARS330 Minimum Grade of C or ARS336 Minimum Grade of C or ARS337 Minimum Grade of C or ARS416 Minimum Grade of C)

May not be repeated for credit

**ARS416. Ceramic Design and Product Laboratory. 3 Credits.**

Students will design products for small ceramic editions appropriate for manufacturing in small studio situations and for limited markets. The environment of a laboratory of design will focus on research of new ideas for old and new items and on the design process and production problem solving. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Ceramics (271)

**Prerequisites:**

- ARS314 Minimum Grade of C

May not be repeated for credit

**ARS418. Contemporary Ideas in Printmaking. 3 Credits.**

Seminar explores critical viewpoints relevant to the field of printmaking. Course is structured around readings from contemporary and historical sources, discussion, presentations, field research, and the development of research projects and image-based presentations.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS280 Minimum Grade of C
- ARS100 Minimum Grade of C or ARS105 Minimum Grade of C
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C

May be repeated for credit

**ARS419. Contemporary Ideas in Sculpture. 3 Credits.**

Seminar explores critical viewpoints relevant to the field of sculpture and art at large. Course is structured around readings from contemporary and historical sources, discussion, presentations, field research and the development of a major individual project. FEE FOR MATERIALS.

**Restrictions:**

- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS100 Minimum Grade of C or ARS105 Minimum Grade of C
- ARS101 Minimum Grade of C
- ARS102 Minimum Grade of C
- ARS103 Minimum Grade of C
- ARS270 Minimum Grade of C

May be repeated for credit

**ARS420. Contemporary Ideas in Metal. 3 Credits.**

Investigation of specific issues and ideas in metal. Critical evaluation of student's work in contemporary culture; Sr. Studio preparation. May be repeated for credit. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Metal (272)

**Prerequisites:**

- (ARS220 Minimum Grade of C\* and ARS321 Minimum Grade of C\* and ARS322 Minimum Grade of C\*) or (ARS220 Minimum Grade of C\* and ARS321 Minimum Grade of C\* and ARS323 Minimum Grade of C\*) or (ARS220 Minimum Grade of C\* and ARS326 Minimum Grade of C\*) or (ARS220 Minimum Grade of C\* and ARS322 Minimum Grade of C\* and ARS323 Minimum Grade of C\*) or (ARS220 Minimum Grade of C\* and ARS322 Minimum Grade of C\* and ARS326 Minimum Grade of C\*) or (ARS220 Minimum Grade of C\* and ARS323 Minimum Grade of C\* and ARS326 Minimum Grade of C\*)

\* May be taken at the same time

May be repeated for credit

**ARS421. Senior Studio in Metal I. 3 Credits.**

Student researches and creates a major body of work for exhibition which is reviewed by the metal faculty. FEE FOR MATERIALS.

**Attributes:**

- Critical Thinking Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Metal (272)

**Prerequisites:**

- ARS420 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

**ARS422. Senior Studio in Metal II. 3 Credits.**

Student researches and creates a major body of work for exhibition which is reviewed by the metal faculty. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Metal (272)

**Prerequisites:**

- ARS421 Minimum Grade of C

May not be repeated for credit

**ARS441. Senior Studio in Painting I. 3 Credits.**

Independent thesis study. Senior student prepares a body of work, independent of any other course work for exhibition. FEE FOR MATERIALS.

**Attributes:**

- Critical Thinking Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Painting (273)

May not be repeated for credit

**ARS442. Senior Studio in Painting II. 3 Credits.**

Independent thesis study. Senior student prepares a body of work, independent of any other course work for exhibition. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Painting (273)

May not be repeated for credit



**ARS450. The Document. 3 Credits.**

Explores unmanipulated photography used for the communication of ideas about social issues and human conditions. Each student completes a major documentary project. Historic and contemporary issues and working strategies are explored through the work and writings of contemporary photographers and critics. May be repeated for credit. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS230 Minimum Grade of C
- ARS250 Minimum Grade of C
- ARS100 Minimum Grade of C\* or ARS105 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time  
May be repeated for credit

**ARS451. Contemporary Ideas in Photography. 3 Credits.**

This course explores significant contemporary issues and critical viewpoints in photography. While specific content may vary, some topics might include the role photography plays in politics and activism, advertising and consumerism, ethnic and sexual identity, and the documentation of family and personal life. This course is structured around readings, discussion and development of a major individual photograph project. May be repeated for credit. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Intrmd

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

**Prerequisites:**

- ARS230 Minimum Grade of C
- ARS250 Minimum Grade of C
- ARS333 Minimum Grade of C
- ARS100 Minimum Grade of C\*
- ARS101 Minimum Grade of C\*
- ARS102 Minimum Grade of C\*
- ARS103 Minimum Grade of C\*

\* May be taken at the same time  
May be repeated for credit

**ARS452. Senior Studio in Photography I. 3 Credits.**

The final courses for completion of the BFA is a two-semester sequence, structured as an independent study, with weekly meetings held with one of the photography professors. The course is completed with an exhibition of the project, a paper, and slides. FEE FOR MATERIALS.

**Attributes:**

- Critical Thinking Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Photography (276)

May not be repeated for credit

**ARS453. Senior Studio in Photography II. 3 Credits.**

The final courses for completion of the BFA is a two-semester sequence, structured as an independent study, with weekly meetings held with one of the photography professors. The course is completed with an exhibition of the project, a paper, and slides. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Photography (276)

May not be repeated for credit

**ARS471. Senior Studio in Sculpture I. 3 Credits.**

Independent thesis study. Senior student prepares a body of work, independent of any other course work, for exhibition. FEE FOR MATERIALS.

**Attributes:**

- Critical Thinking Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Sculpture (275)

May not be repeated for credit

**ARS472. Senior Studio in Sculpture II. 3 Credits.**

Independent thesis study. Senior student prepares a body of work, independent of any other course work, for exhibition. FEE FOR MATERIALS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Sculpture (275)

May not be repeated for credit

**ARS480. Senior Studio in Printmaking I. 3 Credits.**

Independent thesis study. Senior student prepares a body of work, independent of any other course work, for exhibition. FEE FOR MATERIALS.

**Attributes:**

- Critical Thinking Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Printmaking (274)

May not be repeated for credit

**ARS481. Senior Studio in Printmaking II. 3 Credits.**

Independent thesis study. Senior student prepares a body of work, independent of any other course work, for exhibition. FEE FOR MATERIALS.

**Attributes:**

- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Printmaking (274)

May not be repeated for credit

**ARS490. BFA Seminar. 3 Credits.**

Required of all senior level BFA candidates. The seminar explores the theoretical and practical issues that influence the art world and careers of artists. Organized on a topical basis, the course provides a link between theory and practice, school and the art and design professions.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)

May not be repeated for credit

**ARS491. Creative Art Projects: BA/BS. 3 Credits.**

This is a capstone course for BS and BA Visual Arts majors. Through readings, writing, visiting artists' lectures, and independent and collaborative research and projects, students explore the relationship of theory and practice and engage in synthetic and critical thinking about art as well as their own work.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Visual Arts (277)

May not be repeated for credit

**ARS493. Art Studio Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit

**ARS494. Fieldwork In Art. 1-12 Credits.**

Specific guidelines and required forms available in the Art Department office.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit

**ARS495. Independent Study Art. 1-12 Credits.**

Specific guidelines and required forms available in the Art Department office. A materials fee may be applied.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

May be repeated for credit

**ARS499. Modular Course. 0 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Ceramics (271)
  - Graphic Design (279)
  - Metal (272)
  - Painting (273)
  - Photography (276)
  - Printmaking (274)
  - Sculpture (275)
  - Visual Arts (277)
  - Visual Arts Education (189)

May not be repeated for credit

## Asian Studies (ASN)

**ASN100. East-West Living & Learning Community. 1 Credit.**

Participation in a Living & Learning community bringing together domestic students interested in cultures of Asia with students from those countries in a dorm setting where they engage in educational activities.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**ASN200. Introduction to Asia. 3 Credits.**

A gateway to the Asian Studies major. The introduction exposes students to important concepts, themes and developments in Asia.

**Attributes:**

- Critical Thinking Intermediate
- Information Literacy (GE3)
- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**ASN293. Asian Studies Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**ASN295. Independent Study Asian Studie. 1-12 Credits.**

May be repeated for credit

**ASN300. Asian Americans. 3 Credits.**

This course uses both the stories and histories of the Asian diaspora to consider the ways in which concepts such as race, ethnicity, gender, immigration, politics, social mobility, colonialism and more are both constructed and reflected in the Asian American experience.

**Attributes:**

- Critical Thinking Intermediate
- Diversity
- GE3: DIVR
- GE5: DEISJ
- Information Literacy (GE3)
- Liberal Arts

May not be repeated for credit

**ASN393. Selected Topics. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ASN399. Asian Studies Modular Course. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ASN400. Asian Studies Seminar. 1 Credit.**

Capstone for graduating Asian Studies majors. Students will take this course after having completed a Capstone Prerequisite Course (CPC) with a minimum grade of B-.

**Attributes:**

- Critical Thinking Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Asian Studies (503)

May not be repeated for credit

**ASN495. Independent Study Asian. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Biochemistry (BCM)****BCM295. Independent Study Biochemistry. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**BCM360. Protein Structure and Function. 4 Credits.**

We will be investigating the inter-relationship between the Structure & Function of Proteins. In this course, you will learn to use molecular visualization tools to investigate real three dimensional structures of proteins produced by modern structural biology research in conjunction with primary scientific literature.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO320 Minimum Grade of C-
- CHE319 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**BCM393. Biochemistry Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**BCM461. Biochemistry 1. 3 Credits.**

Examination of the chemistry of cellular constituents, especially biopolymers and how the structure of these macromolecules effects their function.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHE319 Minimum Grade of C-

May not be repeated for credit

**BCM463. Biochemistry Lab. 1 Credit.**

Introduction to biochemical techniques with emphasis on protein biochemistry. Provides laboratory experience that reinforces concepts taught in BCM461.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BCM461 Minimum Grade of D-\*
- CHE318 Minimum Grade of D-
- CHE319 Minimum Grade of D-

\* May be taken at the same time

May not be repeated for credit

**BCM470. Biochemistry 2. 3 Credits.**

Enzyme kinetics, bioenergetics and examination of metabolic reactions leading to biologically useful energy production. Control of intermediary metabolism at molecular level.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BCM461 Minimum Grade of D-

**BCM475. Experimental Biochemistry. 1 Credit.**

Laboratory work in methodology and techniques used in biochemistry. Stresses design and interpretation of experiments.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BCM463 Minimum Grade of D-\*
- BCM360 Minimum Grade of D-\*

\* May be taken at the same time

May not be repeated for credit

**BCM495. Independent Study Biochemistry. 1-12 Credits.**

May be repeated for credit

**Biology (BIO)****BIO111. Introduction To Animal Life. 3 Credits.**

A survey of the animal phyla including the study of structure, metamorphosis, adaptations, and behavior. The development of the students' sensitivity and awareness of what can be learned from careful observations in natural field situations will be emphasized. Designed for non-science majors; does not count toward biology major.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Biology (508)

May not be repeated for credit

**BIO112. Biology Today. 3 Credits.**

Designed to introduce students to selected aspects of biology science. By augmenting their understanding of biological concepts, students develop a deeper appreciation of the natural biological phenomena they are in contact with on a daily basis. In addition, students gain the working background necessary to understand contemporary biological issues such as environmental quality (population, pollution, global climate change), the human genome project, genetic engineering, and discoveries in medicine. When individuals become more biologically literate, they are also better equipped to make informed decisions that directly and indirectly impact their own lives.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Biology (508)

May not be repeated for credit



**BIO115. Intro To Plant Life. 3 Credits.**

Introduction to the form and function of plants. The student should acquire an appreciation for plants as living organisms in a biological world, and their economic importance to human beings. Designed for non-science majors; does not count toward biology major.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Biology (508)

May not be repeated for credit

**BIO119. Inheritance. 3 Credits.**

Students will learn and apply basic principles of Mendelian inheritance and DNA manipulation. Students will also examine current genetic technology advances as applied to genetic diseases.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must not be enrolled in the following field(s) of study (major, minor or concentration): Biology (508)

**Prerequisites:**

- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of D- or MAT193 Minimum Grade of D- or MAT153 Minimum Grade of D-

May not be repeated for credit

**BIO120. Global Change Biology. 3 Credits.**

An investigation of global environmental change from a biological and ecological perspective with a primary focus on human ecology, the global carbon cycle, climate change, and environmental sustainability.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Biology (508)

May not be repeated for credit

**BIO130. Cancer Biology. 3 Credits.**

Students will explore the biological mechanisms that underlie the development of cancer and the mechanisms by which various cancer treatments work.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must not be enrolled in the following field(s) of study (major, minor or concentration): Biology (508)

May not be repeated for credit

**BIO135. Evolution for Everyone. 3 Credits.**

An introduction to modern evolutionary theory and its applications to a wide range of topics, including epidemiology, forensic medicine, conservation, population biology, social behavior, altruism, sex/mating strategies, religion, and many other aspects of human biology.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must not be enrolled in the following field(s) of study (major, minor or concentration): Biology (508)

May not be repeated for credit

**BIO140. Modern Biotechnology. 3 Credits.**

Students will explore how modern biotechnology impacts our everyday lives with a topical survey of applications that may include stem cells, biofuels, genetically modified organism (GMOs) and forensics. Students will also learn about the underlying biological principles and molecular techniques that are the basis of modern biotechnology.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must not be enrolled in the following field(s) of study (major, minor or concentration): Biology (508)

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT151 Minimum Grade of D- or MAT093 Minimum Grade of D- or MAT120 Minimum Grade of D- or MAT121 Minimum Grade of D-

May not be repeated for credit

**BIO150. Insects and Human Society. 3 Credits.**

Students will be introduced to the most abundant, diverse, and widespread class of animals on Earth and investigate the critical interactions between insects and humans that influence human behaviors and activities.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must not be enrolled in the following field(s) of study (major, minor or concentration): Biology (508)

May not be repeated for credit

**BIO170. Human Biology. 3 Credits.**

A survey in several phases of human biology. Normal life processes will first be explored followed by the alteration and relationship of alterations to life styles. Subject matter will include human physiology, genetics, evolution and behavior. Designed for non-science majors; does not count toward biology major.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Biology (508)

May not be repeated for credit

**BIO193. Biology Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Biology (508)

May be repeated for credit

**BIO199. Pre-Osteo Seminar. 1 Credit.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**BIO201. General Biology I. 3 Credits.**

An introduction to modern biology: molecular and cellular organization of living systems, energy transformations and metabolism, the principles of classical and molecular genetics, and the basic embryological changes during the development of an organism.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Lecture
- GE5: Natural Science Lecture
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of C-
- BIO211 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**BIO202. General Biology II. 3 Credits.**

An introduction to modern biology: diversity of life forms, the process of evolution, and the interactions of organisms with their environment and with each other.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Lecture
- GE5: Natural Science Lecture
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO212 Minimum Grade of C-\*
- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of C-

\* May be taken at the same time

May not be repeated for credit

**BIO211. Gen Bio 1 Lab. 1 Credit.**

An introduction to modern biology: molecular and cellular organization of living systems, energy transformations and metabolism, the principles of classical and molecular genetics, and the basic embryological changes during the development of an organism. COURSE FEE.

**Attributes:**

- Research
- Information Mgmt Intro
- Liberal Arts
- GE4: Natural Science Lab
- GE5: Natural Science Lab

**Prerequisites:**

- BIO201 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**BIO212. Gen Bio 2 Lab. 1 Credit.**

An introduction to modern biology: diversity of life forms, the process of evolution, and the interactions of organisms with their environment and with each other. COURSE FEE.

**Attributes:**

- Research
- Critical Thinking Introductory
- Liberal Arts
- GE4: Natural Science Lab
- GE5: Natural Science Lab

**Prerequisites:**

- BIO202 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**BIO293. Biology Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**BIO295. Indep Study Biology. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**BIO296. Departmental Elective. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**BIO299. Pre-Osteopathic Seminar. 1 Credit.****Attributes:**

- Clinical Placement

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**BIO301. Field Biology Fall. 3 Credits.**

Diversity in the plant and animal kingdom; sound scientific methods of observation; interrelationships of organisms to each other and to their environment. Importance of the flora and fauna in our economic and cultural life and the need for conservation practices. Field trips are devoted to the study of several ecological units during fall. Identifications of the common plants and animals and the ability to interpret the signs, sounds, and behavior patterns of organisms. COURSE FEE.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-

May not be repeated for credit

**BIO305. Plant Morphology. 4 Credits.**

Comparative study of life histories, morphology, and phylogenetic relationships of the major plant groups. COURSE FEE.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-

May not be repeated for credit

**BIO307. Comparative Vertebrate Anatomy. 4 Credits.**

Gross anatomy and functions of systems of representative vertebrates. Skeletal, muscular, circulatory, digestive, respiratory, excretory, reproductive, nerve, and endocrine systems. Dissection is required. COURSE FEE.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-

May not be repeated for credit

**BIO311. Developmental Plant Anatomy. 4 Credits.**

Developmental phenomena and anatomical characteristics of plant cells, tissues, and organs. COURSE FEE.

**Attributes:**

- Research
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-

May not be repeated for credit

**BIO320. Genetics. 3 Credits.**

A study of the principles of heredity from classical experiments with *Drosophila* to current research in molecular genetics utilizing recombinant DNA and gene cloning methodologies. The organization, function, and behavior of the genetic material are discussed on the molecular, chromosomal and population levels.

**Attributes:**

- Research
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- BIO321 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**BIO321. Genetics Lab. 1 Credit.**

Laboratory investigation of a broad range of topics in Genetics. COURSE FEE.

**Attributes:**

- Information Mgmt Intrmd
- Liberal Arts

**Prerequisites:**

- BIO320 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**BIO322. Evolution. 3 Credits.**

A survey of evolutionary principles, hypotheses, and interactions, with particular emphasis on population-level thinking, phylogenetics, and mechanisms of evolution. Topics will include hypothesis testing, selection, drift, quantitative genetics, genomics, adaptation, speciation, costs and benefits of sex, and coevolution.

**Attributes:**

- Critical Thinking Intermediate
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-

May not be repeated for credit

**BIO340. Ecology. 4 Credits.**

A study of principles and concepts of ecology at the ecosystem, community, population, and organism levels of organization. Laboratory and fieldwork emphasize methods of acquiring, analyzing, and interpreting ecological data. COURSE FEE.

**Attributes:**

- Research
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-

May not be repeated for credit

**BIO346. Bio Data Analysis & Communicat. 3 Credits.**

An introduction to computer programming in R to perform biological data analytics including reading/writing files, data manipulations, graphics, and statistical analyses. Additionally, a focus on improving scientific communication skills including reading, writing, and presentation.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-

May not be repeated for credit

**BIO348. Biological Statistics. 4 Credits.**

A practical application of data collection and statistical methods for biologists and will include topics such as hypothesis testing, t-tests, analysis of variance, and regression. This course is recommended for students currently interested in or involved with research.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- Math Placement Level Minimum Score of 5

May not be repeated for credit

**BIO349. Biology Research. 1-4 Credits.**

Individual laboratory and/or field research under the supervision of a faculty member. Permission of instructor required.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-

May be repeated for credit

**BIO350. General Microbiology. 4 Credits.**

Morphological, biochemical, physiological, and genetic aspects of microbial growth, especially bacteria. Bacterial classification, growth control, and roles in environment and health also considered. Laboratory teaches essential techniques. COURSE FEE.

**Attributes:**

- Research
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO320 Minimum Grade of C-

May not be repeated for credit

**BIO358. Molecular Biology. 4 Credits.**

Background, theory and techniques of molecular biology with the analysis of published research. Class discussions, independent research, written and oral presentations required. COURSE FEE.

**Attributes:**

- Research
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- BIO320 Minimum Grade of C-
- CHE201 Minimum Grade of D-
- CHE202 Minimum Grade of D-

May not be repeated for credit

**BIO359. Cell Biology. 4 Credits.**

A detailed examination of the events that occur within living cells. Particular attention is paid to current experimental techniques and analysis of the recent literature. COURSE FEE.

**Attributes:**

- Research
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- BIO320 Minimum Grade of C-
- CHE201 Minimum Grade of D-
- CHE202 Minimum Grade of D-

May not be repeated for credit

**BIO360. Virology. 3 Credits.**

Prokaryotic and eukaryotic viral structure and function as they relate to replication strategies, control, pathogenesis, the immune system and laboratory analysis methods. Emphasis will be placed on viruses that cause human disease.

**Attributes:**

- Liberal Arts

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- BIO320 Minimum Grade of C-

May not be repeated for credit



**BIO370. Animal Physiology. 4 Credits.**

Physiology is the study of how living organisms function. This course is designed to give students a basic understanding of physiological principles relating to cells, organs and organ systems and the integration of animals with their environment. Material presented in lecture and lab will use comparative animal models to demonstrate general physiological concepts. COURSE FEE.

**Attributes:**

- Research
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO320 Minimum Grade of C-
- CHE201 Minimum Grade of D-

May not be repeated for credit

**BIO388. Biological Chemistry. 3 Credits.**

Study of the chemistry of biologically significant compounds; enzymes and metabolic reactions involved in energy transformations.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Biology (508)

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- BIO320 Minimum Grade of C-
- CHE201 Minimum Grade of C-
- CHE202 Minimum Grade of C-

May not be repeated for credit

**BIO393. Biology Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of D-
- BIO202 Minimum Grade of D-

May be repeated for credit

**BIO396. Departmental Elective. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of D-
- BIO202 Minimum Grade of D-

May be repeated for credit

**BIO399. Pre-osteopathic Seminar. 1 Credit.**

Third year students participate in patient care including performing patient interviews and some routine medical procedures, to the extent allowed by state law. Third year students visit the NYCOM campus in the fall for their final interview with the NYCOM admissions committee.

**Attributes:**

- Clinical Placement

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**BIO412. Evolutionary Theory. 3 Credits.**

A survey of evolutionary theory, including population genetics, drift, adaptive mechanisms and application to modern biology. The historical development of the subject will illustrate the philosophy of science.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- BIO320 Minimum Grade of C-
- BIO322 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May not be repeated for credit

**BIO413. Developmental Biology. 4 Credits.**

Fundamental concepts, principles, and mechanisms of animal development, including classical descriptive embryology and cellular and molecular mechanisms. Laboratory sessions focus on experimental manipulations of early invertebrate and vertebrate embryos and include student-designed research projects. COURSE FEE.

**Attributes:**

- Research
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- BIO320 Minimum Grade of C-
- BIO322 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May not be repeated for credit

**BIO418. Animal Behavior. 3 Credits.**

A survey of the field of animal behavior as understood through modern evolutionary theory, including the behaviors of wild and domestic animals, such as learning, communication, foraging, migration, mating, parental care, and sociality.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- BIO320 Minimum Grade of C-
- BIO322 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May not be repeated for credit

**BIO425. Plant Ecophysiology. 4 Credits.**

The physiological mechanisms underlying the ecological relationships of plants. Explores processes affecting plant growth, reproduction, survival, and biogeography in the context of global environmental change. Lab emphasizes local ecosystems and teaches modern instrumentation, techniques, and field skills. COURSE FEE.

**Attributes:**

- Research
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- BIO320 Minimum Grade of C-
- BIO322 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May not be repeated for credit

**BIO435. Entomology. 4 Credits.**

An introduction to the biology of insects and closely related arthropods. Topics covered will include the evolutionary history, developmental biology, physiology, diversity, behavior, and ecology of insects. The laboratory will provide hands-on experience with insect identification, specimen preparation, and behavioral and physiological experimentation. COURSE FEE.

**Attributes:**

- Research
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- BIO320 Minimum Grade of C-
- BIO322 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May not be repeated for credit

**BIO440. Freshwater Biology. 3 Credits.**

Students will learn the applied and theoretical concepts of freshwater biology. The class will have weekly laboratories and field trips aimed at the study of the biological, chemical, and physical properties of lakes and streams.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- BIO320 Minimum Grade of C-
- BIO322 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May not be repeated for credit

**BIO441. Freshwater Bio Lab. 1 Credit.**

Students will examine aquatic ecosystems through field and laboratory experiences. The class will examine ecological concepts and take field trips that will help examine the biological, chemical, and physical properties of lakes and streams. COURSE FEE.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Corequisites:**

- BIO440

May not be repeated for credit

**BIO444. Nucleic Acid Technologies. 3 Credits.**

Seminar course where primary literature is used to explore several Nucleic Acid-based technologies (ribozymes/aptamers, RNAi, CRISPR/Cas9, etc.)

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO320 Minimum Grade of C-
- BIO322 Minimum Grade of C-

May not be repeated for credit

**BIO445. Ornithology. 4 Credits.**

Students will learn about the biology of birds, including avian evolution, anatomy and physiology, ecology, behavior, and conservation. In the laboratory and on field trips, students will explore avian taxonomy, develop identification skills, and undertake ornithological research.

COURSE FEE.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- BIO320 Minimum Grade of C-
- BIO322 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May not be repeated for credit

**BIO446. Cellular Evolution. 3 Credits.**

Discussion-based seminar course in which primary literature is used to explore the origins of life on earth, the deep evolutionary history of cells, and cellular diversity among living cells.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO320 Minimum Grade of C-
- BIO322 Minimum Grade of C-

May not be repeated for credit

**BIO448. Host-Microbe Coevolution. 3 Credits.**

Discussion-based seminar course in which primary literature is used to explore the coevolutionary interactions between prokaryotic microbes and eukaryotic hosts, ranging from pathogenic to symbiotic associations.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO320 Minimum Grade of C-
- BIO322 Minimum Grade of C-

May not be repeated for credit

**BIO450. Conservation Biology. 4 Credits.**

The science of biodiversity, ecological concepts for understanding and protecting species and ecosystems, and perspectives, philosophies and laws that underlie conservation and enable its protection. Labs focus on quantitative analysis and field visits.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Graduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of D-
- BIO201 Minimum Grade of D-
- BIO202 Minimum Grade of D-
- BIO320 Minimum Grade of D-
- BIO322 Minimum Grade of D-

May not be repeated for credit

**BIO451. Capstone Microbiology. 4 Credits.**

The application of molecular microbial ecology concepts to examine bacterial structure, genetics and metabolism. Activities will include bioinformatics and bacteriological laboratory work.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO320 Minimum Grade of C-
- BIO322 Minimum Grade of C-

May not be repeated for credit

**BIO491. Capstone Research. 3 Credits.**

Individual laboratory and field research under the supervision of a faculty member, resulting in a written report, and an oral presentation to biology faculty and students.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- BIO320 Minimum Grade of C-
- BIO322 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May not be repeated for credit

**BIO493. Biology Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BIO201 Minimum Grade of C-
- BIO202 Minimum Grade of C-
- BIO320 Minimum Grade of C-
- BIO322 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May be repeated for credit

**BIO494. Fieldwork In Biology. 1-12 Credits.****Attributes:**

- Field Study
- Research

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BIO495. Indep Study Biology. 1-12 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**BIO499. Modular Course. 1-3 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

## Black Studies (BLK)

### BLK100. Intro To Black Studies. 3 Credits.

Introductory survey course designed to acquaint the student with the methods of research, bibliographies, and key issues pertaining to the Black experience.

#### Attributes:

- Effective Expression/Written
- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

May not be repeated for credit

### BLK101. The Modern World. 4 Credits.

Survey of world societies, rise of the west, capitalist world system and challenges to it, cultural and material interchanges among major world civilizations, formation of industrial-urban societies, the political and ideological foundations of current global civilizations.

#### Attributes:

- Liberal Arts

May not be repeated for credit

### BLK175. Issues in the Education of Underrepresented College Students. 3 Credits.

Study of issues related to education of students from underrepresented groups. Research data on achievement behavior; academic and social adjustment, and self-examination.

#### Attributes:

- Liberal Arts

May not be repeated for credit

### BLK193. Black Studies Selected Topic. 3-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

### BLK200. Introduction To Africa. 3 Credits.

An interdisciplinary approach to the examination of Black America's African heritage to exemplify the methods of historical inquiry and analysis, and the issues raised by conflicting interpretations.

#### Attributes:

- Effective Expression/Written
- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

### BLK201. Black History I. 3 Credits.

A survey of Black history from Africa to the 20th Century; Americans of African ancestry and the development of their unique status and relationship to American history, as well as to African, Caribbean, and world developments.

#### Attributes:

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Effective Expression/Oral
- Effective Expression/Written
- Liberal Arts

May not be repeated for credit

### BLK202. Black History II. 3 Credits.

A continuation of BLK201, covering the period from the beginning of the 20th century to the present. May be taken prior to or concurrently with BLK201.

#### Attributes:

- Diversity
- GE3: DIVR
- Effective Expression/Oral
- Effective Expression/Written
- Liberal Arts

May not be repeated for credit

### BLK205. The Black and Latino Experiences: Writing For Scholars. 3 Credits.

Humanities course designed to enhance research and writing skills. Analysis of literary selections from the Black and Latino experiences, research in databases, and use of computer lab and Blackboard for editing and critiquing essays.

#### Attributes:

- Creative Works
- Research
- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- Information Literacy (GE3)
- Liberal Arts

#### Restrictions:

- Must have the following level: Undergraduate

#### Prerequisites:

- ENG160 Minimum Grade of C- or English Placement Level Minimum Score of 4 or ENG207 Minimum Grade of C-

May not be repeated for credit



**BLK221. The Black Woman. 3 Credits.**

Historical, interdisciplinary examination of the life situation of the Black woman, principally in America. Contributions made by Black women in education, politics, business, and literature. Problems faced by the Black woman, her view of herself, her relation to the Black family, community, other women, and American society.

**Attributes:**

- Diversity
- GE3: DIVR
- Effective Expression/Written
- Liberal Arts

May not be repeated for credit

**BLK231. Development of Afro-Latin Amer. Civilization (1492-1825). 3 Credits.**

New World Communities in the Americas initiated by Spain and Portugal from 1492 to 1825. Black contributions to the growth and development of such nations as Columbia, Panama, Venezuela, Ecuador, Argentina, Peru, and Brazil.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**BLK232. Contemporary Afro-Latin American Civilization Since 1825. 3 Credits.**

A survey of Afro-Latin American communities since Emancipation and the rise of national racial philosophies after the 1850's in Peru, Argentina, Colombia, and Venezuela. Black participation in politics, literary circles, and labor groups will also be examined.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**BLK240. The Black Man. 3 Credits.**

Examination of the psychosocial, historical, political and economic conditions of men of African descent throughout the African diaspora, with special attention to those within the United States. Discussion of the role of the Black male in urban and street culture; the status and role performances of Black fathers; the historical and contemporary myths about the psychology and biology of African American males.

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**BLK250. Malcolm X Man and Times. 3 Credits.**

A study of the life of Malcolm X as a contemporary Black every man, including an exploration of connections to essential themes in Afro-American and U.S. history.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**BLK260. Essence of Black Music. 3 Credits.**

Survey of the music created and performed by Black people, beginning with its roots in Africa and extending to blues, gospel, jazz, rhythm and blues, and contemporary popular music in the Americas.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**BLK263. Black Dance. 3 Credits.**

Theoretical and practical study of Black dance in Africa, the United States, the Caribbean, and South America. Examination of historical and contemporary forms within a cultural framework.

**Attributes:**

- Creative Works
- Liberal Arts

May not be repeated for credit

**BLK264. African American Religion. 3 Credits.**

African American religion is a study of the major theological, historical, political and social influences that shaped the development of the Black church and other religious institutions in the United States. Lecture/Discussion with videos.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Ethical Reflection
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**BLK265. African American Art. 3 Credits.**

A survey of the contributions of Afro-Americans to painting, sculpture, and other visual arts with a discussion of the African antecedents.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**BLK268. Survey of Black American Literature. 3 Credits.**

A survey of the works of major Black American writers with emphasis on fiction and the essay, but including also biography, poetry, and drama.

**Attributes:**

- Effective Expression/Oral
- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- Liberal Arts

May not be repeated for credit

**BLK269. Black Poetry and Drama. 3 Credits.**

Critical study and oral reading of Black poetry and drama. Works of representative writers, such as Langston Hughes, Lorraine Hansberry, Wole Soyinka, Dennis Brutus, Gwendolyn Brooks, and Don L. Lee. Themes, styles, and aesthetic philosophies, and impact of both the oral and written traditions in the works.

**Attributes:**

- Diversity
- GE3: DIVR
- Effective Expression/Written
- Liberal Arts

May not be repeated for credit

**BLK271. Black Sociology. 3 Credits.**

This course familiarizes students with the basic concepts, ideas, arguments and theories in the area of Africana (Black) Sociology. Central to this discussion will be the sociology of power, racism and privilege as they affect Black people.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Effective Expression/Written
- Liberal Arts

May not be repeated for credit

**BLK272. Rap and Spoken Word. 3 Credits.**

An analysis of rap and spoken word from the 1960's to the present. Focus on socio-cultural context, aesthetics, themes, styles; and on the impact of materialism, misogyny, controlling imagery and their relationship to the current conditions of African descendant people. Lecture/discussion/with media imagery and performances.

**Attributes:**

- Effective Expression/Oral
- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- Liberal Arts

May not be repeated for credit

**BLK275. Advocacy Journalism in the Black Community. 3 Credits.**

Journalistic techniques used to communicate with various advocacy groups; to explore and expose community problems and suggest solutions to those problems.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**BLK285. Introduction to African Psychology: A Cultural Approach. 3 Credits.**

Survey of theories and research concerning the nature of the African-descent people's psychosocial reality within traditional Africa and throughout the African diaspora. The African-centered cultural framework will be emphasized (that is, traditional African cultural perspectives and approaches to all things psychological will be emphasized). The course will cover such issues as the concepts and history of Black Psychology, the origins of African-centered psychology, the manifestation of the African worldview within traditional Africa and the African diaspora, and the role of African spirituality within traditional Africa and the African diaspora.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**BLK290. The Political Economy of Black America. 3 Credits.**

The economic base of the Black community and its role in establishing the political agenda of Black America.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**BLK293. Black Studies Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

May be repeated for credit

**BLK295. Indep Study Black Studies. 1-12 Credits.**

May be repeated for credit

**BLK296. Departmental Elective. 0 Credits.**

May be repeated for credit

**BLK299. Modular Course. 0 Credits.**

May not be repeated for credit

**BLK300. Gospel Choir Voices of Unity. 2 Credits.**

Contemporary gospel music, emphasizing voice techniques, solo and group performances, and the study of the roots of spiritualism and how it impacts on each individual performer.

**Attributes:**

- Community Service
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**BLK301. Survey of Pre-Colonial Africa to 1800. 3 Credits.**

African initiatives in the development of sub-Saharan African society, from the coming of the Europeans in the sixteenth century to the decline of the slave trade and the increase in Euro-Asian intrusions in the eighteenth and nineteenth centuries.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK302. Survey of Contemporary Africa: Nineteenth Cent to Present. 3 Credits.**

An examination of political and economic change in nineteenth-century Africa, European for Africa, colonialism and under-development, the African drive for independence in the twentieth century, the establishment of independent nation-states, the modernization of African societies, and the liberation movements in southern Africa.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK309. Introduction to Afro-Brazilian History. 3 Credits.**

Introduction to Afro-Brazilian History; contributions of Blacks to Brazilian society from the time of discovery to the present. The slavery and abolition of slavery period will receive considerable attention, as will politics, journalism, culture, and language, and religion.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK310. Blacks and the Media. 3 Credits.**

Examination of mass communications media as they pertain to the Black community with special emphasis on the historical and contemporary role of the Black press.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK311. Blacks in the Caribbean, 1492-Present. 3 Credits.**

Topics in this history course include slavery, abolition, creolization, Afro-Caribbean traditions in languages, religions, and politics. Belize, Jamaica, Grenada, Barbados, and Martinique, etc.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK315. Black and Latino Child Lit. 3 Credits.**

An examination of the rapidly expanding body of literature on Black and Latino experiences written for children and youth. Analysis of "melting pot", "social conscious" and "culturally conscious" perspectives. Attention given to both authors and illustrators, as well as criteria for selection. Lecture/discussion with visual media.

**Attributes:**

- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK320. Contemporary Black American Literature. 3 Credits.**

A sociological, political, and esthetic view of current works by Afro-American poets, prose and dramatic artists.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK323. Black Poetry. 3 Credits.**

Introductory course designed to acquaint students with over 200 years of Black American poetry.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK325. History of Slavery in the Americas. 3 Credits.**

A thematic examination of the socioeconomic and political impact of slavery in the North, South, Central and Caribbean regions.

**Attributes:**

- Effective Expression/Oral
- Effective Expression/Written
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK328. Black Drama in America. 3 Credits.**

Investigation of the Black contribution to the American stage and the continuing artistic development within the perspective of the changing political, economic, and social scene.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK330. Race and Racism in US Hist. 3 Credits.**

An examination of race and racism in United States history and their impact on race relations. Early European thought on race is assessed as a foundation stone for a similar mindset that took hold in the United States.

**Attributes:**

- Effective Expression/Oral
- Effective Expression/Written
- Liberal Arts
- GE3: USST
- GE4: United States Studies

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK331. The American Civil Rights Movement. 3 Credits.**

An examination of the American Civil Rights Movement whose goals are an assessment of its motive force, organizational structure, personalities, accomplishments and failures, and its overall impact on U.S. society.

**Attributes:**

- Effective Expression/Oral
- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- GE3: USST
- GE4: United States Studies
- GE5: US History Civic Engmnt

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK333. Black Rhetoric. 3 Credits.**

Study and analysis of the speaking of Black leaders, past and present, such as Frederick Douglass, Sojourner Truth, Booker T. Washington, Malcolm X, Martin Luther King, Stokely Carmichael, Eldridge Cleaver, Adam Clayton Powell, Julian Bond, Roy Wilkins, Whitney Young, A. Philip Randolph, and us Jesse Jackson.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK335. Blacks and the American Law. 3 Credits.**

Analysis of major decisions from Congress and the Supreme Court impacting life experiences of Blacks in the United States. Discussion of landmark cases, among them Plessey vs. Ferguson, Brown vs. The Board, Bakke vs. The University of California; The Civil Rights Act of 1964, The Voting Rights Act of 1965 and others.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK340. Psychology of Black Americans. 3 Credits.**

This course surveys theories and research concerning the personality and mental health of African descent people. African-centered theories are contrasted with western theories. The Azibo Nosology of culture-specific personality disorders experienced by African descent people is explored.

**Attributes:**

- Diversity
- GE3: DIVR
- Liberal Arts
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK345. Black and Latino Leadership. 3 Credits.**

Examination of models of leadership and key issues that affect leadership in the Black and Latino communities through the use of social science research. Possible solutions will be discussed.

**Attributes:**

- Leadership
- Diversity
- GE3: DIVR
- Effective Expression/Oral
- Effective Expression/Written
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK347. History of South Africa. 3 Credits.**

Socioeconomic and political development of the South African state from 1652 to the present. Particular attention to the interrelationships of the Khoisan and Bantu with Anglo-Dutch; the entrenchment of the apartheid ideology and the rise of African nationalism.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK350. Contemporary Social Issues in the Black Community. 3 Credits.**

Key issues that affect the Black community; social science research that analyzes the problems and suggests solutions.

**Attributes:**

- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE3: SSCI

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK355. The Black Family. 3 Credits.**

A socio-psychological analysis of the Black family; its African origins, adaptations to American experience, and strategies for aiding the survival and advancement of its members.

**Attributes:**

- Diversity
- GE3: DIVR
- Effective Expression/Written
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK357. Psychology of the Black Child. 3 Credits.**

By utilizing observations and research the course explores the special cultural, political, and economic forces that shape the physical, cognitive, and emotional development of Black children. The course assumes that Black children are, in general, subject to forces that cause their psychological development to differ from that of the middle class American child studied in traditional child psychology courses.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit



**BLK360. Politics of the U.S.A. and the Black Community. 3 Credits.**

The relationship of the community to the broader politics of America viewed in historical perspective. Also includes an examination of contemporary techniques for social, political, and economic change in the Black American community.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK363. African Dance. 3 Credits.**

Theoretical and practical study of traditional dances of the West and East coasts of Africa and dances from South Africa. Participants study the history of the dances within a cultural framework, while analyzing purposes/functions, drums, and drum rhythms from each region. Lecture/demonstration/movement.

**Attributes:**

- Creative Works
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK364. History of Black Political Thought. 3 Credits.**

Comparative and historical study of the development of Black political thought from the seventeenth century to the present.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK369. History of Terrorism Against Blacks and Native Americans. 3 Credits.**

The course examines from a comparative perspective the ideological bases of aspects of American violence perpetrated against Blacks and Native Americans along a historical continuum of terrorism up to the twentieth century.

**Attributes:**

- Effective Expression/Oral
- Effective Expression/Written
- Liberal Arts
- GE3: USST
- GE4: United States Studies

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK370. Education in the Black Community. 3 Credits.**

Sociological, political and psychological issues that impact upon the educational goals, resources, and results of Black Americans; various meanings, functions, and goals of education for the Black community.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK372. Hip Hop Culture. 3 Credits.**

Identification and critical examination of the foundations of Hip-Hop culture. Discussion and analysis of the evolution of Hip-Hop philosophy and its political and social impact on the community in which it originated.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK375. Black Gospel Music. 3 Credits.**

Examination and exploration of the Black religious music tradition, including study of the styles of Negro spirituals, early gospel, gospel fusion/ hymns/ anthems, contemporary gospel and the many varieties of the new era secularized gospel music. Format: lecture/discussion with recordings and videos.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK380. Black Music of the 1960's. 3 Credits.**

Examination and exploration of Black Music of the 1960's, i.e. the Civil Rights and Black Power eras, particularly from Motown, Atlantic and Philadelphia to Jamaican reggae and the sultry sound of new gospel. Format: lecture/discussion with recordings and videos.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK393. Black St Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**BLK396. Black English: Language and Culture. 3 Credits.**

Theories of origin, structure, and semantics of Black English in America; comparisons with Standard American English and African-based English languages of Africa and the Caribbean; Black English and related lifestyles, such as the oral tradition, as cultural phenomena; language use and public policy.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**BLK401. Blacks in New York History. 3 Credits.**

A thematic examination of the socio-economic and political contributions of peoples of African descent to the history of New York State, from the colonial period to the present.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK412. Critical Analysis of Black American Literature. 3 Credits.**

Methods and tools of criticism of literature by or about Black Americans.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK415. Recurrent Themes in Black Literature. 3 Credits.**

Examination of the themes of man/womanhood, identity, and alienation as they have been developed in African-American literature. Development of these themes in oral and written literature in various generations.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**BLK417. The African Diaspora in World History. 3 Credits.**

A thematic survey of communities of African descendants in the Diaspora, with particular attention to the cultural, economic, and racial parallels that link them across space and time. Regions examined in addition to Africa are the Americas, Europe, Middle and Far East.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- BLK100 Minimum Grade of D-

May not be repeated for credit

**BLK420. Counseling Underrepresented Students. 3 Credits.**

Peer counseling of freshman students of underrepresented groups. Study of theories and approaches to counseling; achievement behavior; goal setting academic and social adjustment; and self-examination. Students study and discuss the literature and interact with freshmen assigned to them.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **BLK430. Black Organization and Movements in the Twentieth Century. 3 Credits.**

Historical development of various tendencies in the Black people's movement from the Dubois-Washington controversy, the organization of the Niagara Movement, the NAACP, the Garvey Movement, the Urban League, Brotherhood of Sleeping Car Porters, Blacks in the CIO, National Negro Congress, CORE, SNCC, Black Muslims, Southern Christian Leadership Conference, and Black Panthers to possible perspectives for the twenty-first century.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **BLK450. The Portuguese in Africa. 3 Credits.**

A seminar on Portuguese expansion and involvement in Africa from the 15th century to the present. Examination of the motivating factors from the initial Portuguese expansion into Africa, giving consideration to Portugal's position in Medieval Europe, her uneconomic exploits along the East African Coast, historical basis for entrenchment in Mozambique and Angola, African reaction against Portuguese intrusion, and problems of development of Portuguese-speaking/African independent nation-states.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **BLK460. West African Kingdoms in the Nineteenth Century. 3 Credits.**

A seminar in the historiography of West African Kingdoms in the nineteenth century. Resilience and dynamism implicit in African economic and political institutions in a century that has been characterized as very revolutionary.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **BLK490. Seminar in Black Studies. 3 Credits.**

Topics and faculty vary from semester to semester. Emphasis on student research and the writing of a major seminar paper. Required of Black Studies majors.

#### **Attributes:**

- Creative Works
- Research
- Liberal Arts
- Writing Intensive

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- BLK100 Minimum Grade of D-
- BLK201 Minimum Grade of D-
- BLK202 Minimum Grade of D-

May not be repeated for credit

### **BLK493. Black Studies Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

### **BLK494. Fieldwork In Black Studies. 3-12 Credits.**

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

### **BLK495. Indep Study Black Studies. 1-12 Credits.**

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

## **Business Administration (BUS)**

### **BUS093. Business Workshop. 0 Credits.**

Non-credit workshop for business majors which will cover various topics such as, but not limited to, graduation requirements, writing skills, career planning and ethics. Attending the Business Workshop is required for all students to become a Business Major.

May not be repeated for credit

### **BUS095. Excel Tutorial. 0 Credits.**

Non-credit competency exam and tutorial demonstrating ability to carry out required Excel functions. Successful completion of Excel competency exam is required of all Business majors.

#### **Attributes:**

- Information Mgmt Intro

May be repeated for credit

**BUS193. Business Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**BUS201. Financial Accounting. 3 Credits.**

Introduction to basic accounting principles for measuring and communicating financial data about a business enterprise to external parties. Topics include the accounting information system and the recognition and measurement of financial statement information. NOTE: Accounting majors must earn a C+ or better to advance to BUS202.

**Attributes:**

- Critical Thinking Introductory

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of C- or MAT 153 Minimum Grade of C-

May not be repeated for credit

**BUS202. Managerial Accounting. 3 Credits.**

Introduction to measurement and communication of the financial information needed by management. Topics include product costing, cost behavior, cost-volume-profit analysis, and budgeting. NOTE: Accounting majors must earn a C+ or better in BUS201 to enroll in this course.

**Attributes:**

- Critical Thinking Introductory

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- BUS095 Minimum Grade of S\*
- BUS201 Minimum Grade of C-
- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of C-

\* May be taken at the same time

May not be repeated for credit

**BUS216. Data Wrangling with R. 3 Credits.**

Explore the basic techniques related to data wrangling. Based on R platform, topics include basic programming technique, importing/exporting data files, creating and modifying data frames, working with strings, categorical data, date/time variable, and variable transformation, tidy data, reshaping data, treating missing values, aggregating data, presenting data results, etc.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of C- or MAT 153 Minimum Grade of C-

May not be repeated for credit

**BUS250. Principles of Management. 3 Credits.**

Introduction to managerial roles and functions. Topics include planning, organizing, controlling, leading in organizations, foundations of managerial thought, and the processes that lead to organizational effectiveness.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**BUS271. Legal Environment of Business. 3 Credits.**

Influence of the American legal system and ethical concepts on the conduct of business. Topics include corporate social responsibility, business organizations and regulations, contracts, agency, litigation and dispute resolution, torts and crimes, and employment law.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**BUS272. Business Law for Accountants. 3 Credits.**

Continued analysis of laws relevant to accounting and finance. Topics include the Uniform Commercial Code, real and personal property, the Sarbanes-Oxley Act, securities regulation, mergers and acquisitions, bankruptcy, insurance trusts, estates, and accountants' professional responsibility.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- BUS271 Minimum Grade of C-

May not be repeated for credit

**BUS293. Business Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**BUS295. Indep Study Business. 0 Credits.**

May be repeated for credit

**BUS296. Departmental Elective. 0 Credits.**

May be repeated for credit

**BUS301. Career and Internship Prep. 1 Credit.**

Coverage of topics that prepare students for internships and their career, including identifying prospective employers, writing an effective resume, networking, interviewing skills, ethics, and corporate culture.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

May not be repeated for credit



### **BUS309. Statistics for Business and Economics I. 3 Credits.**

Introduction to statistical analysis for business and economic decisions. Topics include descriptive statistics, probability theory, random variables, expected values, sampling distributions, and statistical inference to include estimation and hypothesis testing.

#### **Attributes:**

- Critical Thinking Introductory
- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics
- Systematic Inquiry

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Business Economics (540B)
  - Economics (540)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - International Economics (540I)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

#### **Prerequisites:**

- BUS095 Minimum Grade of S\*
- Math Placement Level Minimum Score of 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C-

\* May be taken at the same time

May not be repeated for credit

### **BUS311. Statistics for Business and Economics II. 3 Credits.**

Continued coverage of statistical analysis for economic and business decisions. Topics include hypothesis testing, analysis of variance, multiple regression analysis, and non-parametric statistics.

#### **Attributes:**

- Critical Thinking Intermediate
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Economics (540)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

#### **Prerequisites:**

- BUS309 Minimum Grade of C-
- BUS095 Minimum Grade of S

May not be repeated for credit

**BUS312. Operations Management. 3 Credits.**

Study of analytical tools used for managing operations. Topics include forecasting, product/process design, inventory management, project management, supply chain management, and quality management.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - Industrial/Organizational (539I)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS309 Minimum Grade of C-
- BUS095 Minimum Grade of S

May not be repeated for credit

**BUS321. Organizational Behavior. 3 Credits.**

Study research and its application to organizational behavior. Topics include perception, personality, attitudes, motivation, leadership, communication, group dynamics, decision making, and organizational change. Students may not take both this course and PSY315 for credit.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
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  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS250 Minimum Grade of C-

May not be repeated for credit

**BUS322. Organization Theory. 3 Credits.**

Analysis of major theories dealing with organization characteristics and processes. Topics include decision-making, the organizational environment, and the changing nature of organizations in contemporary society.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - Industrial/Organizational (539I)
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  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS250 Minimum Grade of C-

May not be repeated for credit

**BUS323. Introduction to Entrepreneurship. 3 Credits.**

Provides a broad overview of entrepreneurship, including identifying business opportunities, gathering funding for and launching a business, growing the organization and harvesting the rewards.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS250 Minimum Grade of C-

May not be repeated for credit

### **BUS324. Introduction to Managing Sustainability. 3 Credits.**

Focuses on the environmental, social, and economic impacts of firms' activities. Readings, case analysis, and classroom activities are used to show how businesses develop and implement strategies to simultaneously promote sustainability and improve the competitive position of the firm.

#### **Attributes:**

- Information Mgmt Intrmd
- Liberal Arts

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

#### **Prerequisites:**

- BUS250 Minimum Grade of C-

May not be repeated for credit

### **BUS325. Marketing. 3 Credits.**

Introduction to the principles of marketing. Topics include consumer behavior, marketing research, segmentation, targeting, and positioning strategy, marketing mix elements.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

#### **Prerequisites:**

- ECO207 Minimum Grade of C-
- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of C- or MAT 153 Minimum Grade of C-

May not be repeated for credit

**BUS326. Consumer Behavior. 3 Credits.**

Study of consumer behavior using social science concepts. Topics include buyer decision making, product and service choice, motivation and attitudes of consumers, and shopping behavior.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
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  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS325 Minimum Grade of C-

May not be repeated for credit

**BUS327. Sales Management. 3 Credits.**

Discussion of how the sales force and management team contribute to developing and executing a firm's marketing strategy. Topics include selling techniques, customer relationship management, territory management, and training, compensating and evaluating the sales force.

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS325 Minimum Grade of C-
- BUS250 Minimum Grade of C-

May not be repeated for credit



**BUS328. Food Retail Management. 3 Credits.**

This course is the foundation for a food marketing track. The objective of the course is to familiarize students with the global food industry at all levels and in all segments. Basics of food distribution, wholesaling and retailing, both on the retail and foodservice sides of the business will be covered. The course will also cover the critical issues impacting the industry including the decline of food at home, the growth of foodservice and the food-away-from-home-market, the impact of consolidation, increasing concentration and globalization on the industry's structure, conduct and performance. The course may include both tours of food facilities and industry speakers.

**Attributes:**

- Information Mgmt Intro

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS325 Minimum Grade of C-

May not be repeated for credit

**BUS329. Food Category Management. 3 Credits.**

This course is the foundation for a food marketing track. Food category management focuses on retailing and purchasing data to analyze groups of products purchased by a business organization or sold by a retailer. The course content will include proficiency in industry knowledge, category management history and process, pricing analysis, promotion analysis, assortment analysis, spreadsheet development, presentation development, syndicated scanner data methodologies, consumer panel data applications, retailer point of sale data analysis, space planning software and relational databases.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS325 Minimum Grade of C-

May not be repeated for credit

**BUS341. Fundamentals of Corporate Finance. 3 Credits.**

Introduction to basic financial concepts and their application to business enterprises. Topics include financial analysis and forecasting, time-value of money, risk and return, security valuation, and capital budgeting techniques. Students must earn a C+ or better in BUS341 to advance to BUS441, BUS443, BUS445, BUS447, and BUS459.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS201 Minimum Grade of C-
- BUS095 Minimum Grade of S
- BUS309 Minimum Grade of C-
- ECO206 Minimum Grade of C-
- ECO207 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C-

May not be repeated for credit

**BUS342. Business Analytics for Accountants. 3 Credits.**

This course introduces accounting analytics, covering basic tools and techniques for analyzing financial and non-financial data, making informed decisions, and solving accounting problems, with a focus on practical applications.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS095 Minimum Grade of D-
- BUS202 Minimum Grade of D-
- BUS309 Minimum Grade of D-

May not be repeated for credit

**BUS345. Human Resource Management. 3 Credits.**

Study of concepts and applications used in the human resource function in organizations. Topics include human resource strategy, recruitment, selection development, training, compensation, performance appraisal, retention, and legal issues in human resources.

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - Industrial/Organizational (539I)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS250 Minimum Grade of C-
- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of C-

May not be repeated for credit

**BUS346. International Business. 3 Credits.**

Discussion of international business concepts with a focus on doing business in non-western countries. Topics include globalization; country differences in economic, political, legal, cultural, and ethical environments; cross-border trade and strategic and managerial issues facing firms engaged in international activities.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Intrmd
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS250 Minimum Grade of C-

May not be repeated for credit

**BUS347. Introduction to Business Analytics. 3 Credits.**

Examine real world examples of how analytics have been used to transform a business or industry. Cover the following analytics methods and how to implement them: linear regression, logistic regression, trees, clustering and visualization.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS309 Minimum Grade of C-
- BUS095 Minimum Grade of S
- BUS216 Minimum Grade of C-

May not be repeated for credit

**BUS348. Decision Modeling and Analysis. 3 Credits.**

Introduces the fundamental quantitative techniques of using data to make informed management decisions. Topics include decision analysis, probability, simulation, linear optimization, nonlinear optimization and discrete optimization.

**Attributes:**

- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS309 Minimum Grade of C-
- BUS095 Minimum Grade of S

May not be repeated for credit

**BUS349. Data Management and Big Data. 3 Credits.**

This course introduces the design of modern databases to collect, organize, and share data for various business transactional and decision support needs. It covers common database architectures, such as the relational databases and data warehousing schemas.

**Attributes:**

- Information Mgmt Intrmd

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

May not be repeated for credit

**BUS351. Leadership Workshop. 1 Credit.**

Focuses on development of leadership skills. Course consists of hands-on exercises and activities designed around the goal of personal leadership growth.

**Attributes:**

- Leadership

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

May not be repeated for credit

**BUS360. Digital Marketing Strategy. 3 Credits.**

Study of the Internet's impact on the conduct of business in various industries. Topics include e-business models and the key strategic marketing issues for conducting business online.

**Attributes:**

- Information Mgmt Intrmd

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS095 Minimum Grade of S
- BUS325 Minimum Grade of C-

May not be repeated for credit

**BUS368. Intermediate Accounting I. 3 Credits.**

Coverage of financial accounting and reporting for business entities.

Topics include the accounting information system, the conceptual framework, financial statements, and recognition and measurement of cash, receivables, inventory, plant and equipment, and intangible assets.

Students must earn a C+ or better in BUS368 to advance to BUS369.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS202 Minimum Grade of C-
- BUS095 Minimum Grade of S
- Math Placement Level Minimum Score of 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C-

May not be repeated for credit



**BUS369. Intermediate Accounting II. 3 Credits.**

Continued coverage of financial accounting and reporting for business entities. Topics include accounting for liabilities and shareholders' equity, income taxes, financial instruments accounting changes and error corrections, the statement of cash flows, and additional topics of current interest.

**Attributes:**

- Information Mgmt Intrmd

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS368 Minimum Grade of C+
- BUS341 Minimum Grade of C-\*
- Math Placement Level Minimum Score of 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C-

\* May be taken at the same time

May not be repeated for credit

**BUS371. Concepts in Federal Income Taxation. 3 Credits.**

Introduction to principles underlying the U.S. federal income tax system. Emphasis on individual income taxation with some coverage of corporate and partnership taxation.

**Attributes:**

- Critical Thinking Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS202 Minimum Grade of C-
- BUS095 Minimum Grade of S
- Math Placement Level Minimum Score of 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C-

May not be repeated for credit

**BUS373. Cost Accounting. 3 Credits.**

Development and use of quantitative information for management decision-making. Topics include cost accumulation and control, job order and process cost systems, standard costs and variance analysis, and performance evaluation.

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS202 Minimum Grade of C-
- BUS095 Minimum Grade of S
- Math Placement Level Minimum Score of 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C-

May not be repeated for credit

**BUS375. Auditing. 3 Credits.**

Introduction to the attest function and the independent auditor's role in society, with a focus on audit concepts and tools, including computerized auditing.

**Attributes:**

- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS369 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C-

May not be repeated for credit

**BUS376. Investment Initiative. 1 Credit.**

Introduction to real world basic stock, bond, and mutual fund investing strategy, investment vocabulary, practical application of portfolio construction, and methodology for making sound investment decisions. Students utilize trading software and participate in an investment competition. The course is designed to complement theoretical classes in a practical manner.

**Attributes:**

- Practicum - Non-Clinical

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

May not be repeated for credit

**BUS381. Advanced Business Analytics. 3 Credits.**

Presents a scientific and systematic approach to business data analytics. Topics include dimension reduction, K-nearest neighbor algorithms, neural networks, Logistic regression model building, association rules, and advanced model evaluation and cost-benefit analyses. Results are interpreted with clients in mind.

**Attributes:**

- Critical Thinking Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS311 Minimum Grade of C\*
- BUS347 Minimum Grade of C-

\* May be taken at the same time

May not be repeated for credit

**BUS385. Supply Chain Analytics. 3 Credits.**

Supply chains are complex systems involving multiple businesses and organizations with different goals and objectives. Many different analytical methods and techniques are used to better design and manage supply chains. This course focuses on the application of these methods, no necessarily to theoretical underpinnings.

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS312 Minimum Grade of C-
- BUS348 Minimum Grade of C-

May not be repeated for credit

**BUS386. Marketing Analytics. 3 Credits.**

This course focuses on the use of quantitative tools to support marketing planning decisions and the objectives of this course are to introduce students to state-of-the art marketing analytics and to teach them how to practically apply these analytics to the real-world business decisions.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS347 Minimum Grade of C-
- BUS325 Minimum Grade of C-

May not be repeated for credit

**BUS387. Analytics in Health Care. 3 Credits.**

Analytics methods applies to health care. Topics include statistical auditing in healthcare finance, quality of care, predictors of health care outcomes and the application of social networks in epidemiology.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS311 Minimum Grade of C-
- BUS347 Minimum Grade of C-

May not be repeated for credit

**BUS389. Times Series Analysis for Business. 3 Credits.**

Teach students practical and empirical approaches to analyze business time series data. Several approaches will be presented to understanding structure of data, on checking the validity of model, and on forecasting data.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS311 Minimum Grade of C-

May not be repeated for credit

**BUS390. Business Intelligence and Analytics. 3 Credits.**

Covers sophisticated business data analytics methodologies for complex real-world scenarios. Methodologies include Bayesian networks, cost-benefit analysis for trinary classification models, Kohonen networks, imputation of missing data, and model voting. Emphasis on interpreting output for business clients.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS309 Minimum Grade of C-
- BUS216 Minimum Grade of C-

May not be repeated for credit

**BUS391. Data Visualization. 3 Credits.**

Data visualization is an important visual method for effective communication and analyzing large datasets. Through data visualizations we are able to draw conclusions from data that sometimes are not immediately obvious, and interact with the data in an entirely different way. This course will provide you with an informative introduction to the methods, tools and processes involved in visualizing big data.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Pre-MBA (0MBA)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- BUS309 Minimum Grade of C-

May not be repeated for credit

**BUS393. Business Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**BUS396. Departmental Elective. 0 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit



**BUS399. Modular Course. 0 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**BUS419. Seminar in Analytics. 3 Credits.**

An undergraduate level seminar for business analytics majors. Survey the fundamentals of business analytics by reading current research papers and books in this area. Topics vary from year to year.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Corequisites:**

- BUS381

May not be repeated for credit

**BUS422. Leadership. 3 Credits.**

Provides a study of principles in the field of leadership. Topics include the importance of leadership, leadership behaviors, leadership styles, ethics, power, development, communication, and conflict resolution.

**Attributes:**

- Critical Thinking Advanced
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS250 Minimum Grade of C-
- BUS321 Minimum Grade of C-

May not be repeated for credit

**BUS423. New Venture Development. 3 Credits.**

Focuses on new product and business opportunities within an established company or a new venture. Topics include innovation, product/service development, and new venture financing. Students will analyze new venture feasibility, resource mobilization, and management of new ventures.

**Attributes:**

- Information Mgmt Advanced

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS250 Minimum Grade of C-

May not be repeated for credit

**BUS424. Social Entrepreneurship. 3 Credits.**

Covers major opportunities and challenges facing social entrepreneurs and their ventures, including how to imagine and evaluate desired social change.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS250 Minimum Grade of C-
- BUS321 Minimum Grade of C-

May not be repeated for credit

**BUS425. Marketing Research. 3 Credits.**

Examination of the research process used in marketing decision-making. Topics include survey methodology, sample selection, fieldwork, tabulation, statistical analysis of data and report writing.

**Attributes:**

- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS325 Minimum Grade of C-
- BUS311 Minimum Grade of C-

May not be repeated for credit

**BUS427. Advertising Strategy. 3 Credits.**

Discussion of advertising and promotion programs. Topics include integrated marketing communications, behavioral responses to advertising, advertising budget controls, the Internet as an advertising medium, advertising research, and strategic applications for the brand management.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS325 Minimum Grade of C-

May not be repeated for credit

**BUS429. Marketing Strategy. 3 Credits.**

Formulation and implementation of marketing strategies for organizations. Emphasis on marketing decision-making and its integration with the manufacturing and financing dimensions of an organization.

**Attributes:**

- Critical Thinking Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS325 Minimum Grade of C-

May not be repeated for credit

**BUS430. International Marketing. 3 Credits.**

Focus on marketing management issues in the international environment. Emphasis on how different cultures and environments impact marketing programs.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS325 Minimum Grade of C-
- BUS346 Minimum Grade of C-

May not be repeated for credit

**BUS431. Cross-Cultural Management. 3 Credits.**

Coverage of management issues faced when doing business across cultures. Topics include culture, diversity, cross-cultural communication and negotiation, motivation and leadership across cultures, and international human resource management issues.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS346 Minimum Grade of C-

May not be repeated for credit

**BUS432. International Entrepreneurship. 3 Credits.**

This course will explore the many dimensions and challenges of global venture creation and growth. The course offers a framework for understanding the entrepreneurial process in global contexts and exposes students to key issues and problems specific to international ventures.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS346 Minimum Grade of C-

May not be repeated for credit

**BUS441. Financial Management and Policy. 3 Credits.**

Introduction to long-term investment and financing decisions of the business enterprise. Topics include capital budgeting techniques, project valuations and analysis of risk, cost of capital, capital structure, dividend policy, and leasing evaluation.

**Attributes:**

- Critical Thinking Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS202 Minimum Grade of C-
- BUS341 Minimum Grade of C+

May not be repeated for credit

**BUS442. Advanced Accounting. 3 Credits.**

Accounting for business combinations, consolidated entities, partnerships, governmental and not-for-profit organizations, and multinational entities.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS369 Minimum Grade of C-

May not be repeated for credit

**BUS443. Investment Analysis and Portfolio Management. 3 Credits.**

Focus on theory and quantitative tools for managing financial assets and portfolios. Topics include investment fundamentals and markets, buying and selling strategies, risk and return, diversification, portfolio theories, global investing, and valuation of financial instruments.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS341 Minimum Grade of C+

May not be repeated for credit

**BUS445. International Financial Management. 3 Credits.**

Discussion of financial management in the international context. Topics include international financial markets, exchange rate behavior and management of its risk, international banking, and multinational financial management.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS341 Minimum Grade of C+

May not be repeated for credit

**BUS447. Personal Financial Planning. 3 Credits.**

Management of personal finances and investments. Topics include monitoring household wealth, developing a personal financial plan, managing liquidity and credit, financing a home, using insurance, retirement and estate planning, and investing in financial assets.

**Attributes:**

- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS341 Minimum Grade of C+

May not be repeated for credit

**BUS450. Strategic Management. 3 Credits.**

Formulation and implementation of business strategies for competitive advantage. Case analysis is used to develop analytical, communication, and team-work skills. This capstone course fulfills the writing intensive course requirement for all business majors.

**Attributes:**

- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS341 Minimum Grade of C-
- BUS312 Minimum Grade of C-

\* May be taken at the same time

May not be repeated for credit

**BUS451. Global Virtual Teams. 3 Credits.**

This course will explore the many dimensions and challenges of global venture creation and growth. The course offers a framework for understanding the entrepreneurial process in global contexts and exposes students to key issues and problems specific to international ventures.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS325 Minimum Grade of C-
- BUS346 Minimum Grade of C-

May not be repeated for credit

**BUS452. Digital Marketing Analytics. 3 Credits.**

Applied learning of a digital marketing analytics platform and its marketing applications. Topics include the platform's analytics layout, reporting, campaign and conversation tracking, data collection and analysis tools, segmentation, targeting, and other marketing applications.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- (BUS325 Minimum Grade of C+ and BUS360 Minimum Grade of C+ and BUS425 Minimum Grade of C+) or (BUS325 Minimum Grade of C+ and BUS347 Minimum Grade of C+)
- BUS095 Minimum Grade of S

May not be repeated for credit

### **BUS453. Voluntary Income Tax Assistance (VITA). 3 Credits.**

Preparation of basic federal and New York State income tax returns as a service to the college and local communities.

#### **Attributes:**

- Service Learning
- Practicum - Non-Clinical

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

#### **Prerequisites:**

- BUS201 Minimum Grade of C-
- BUS371 Minimum Grade of C-

May not be repeated for credit

### **BUS454. Applied Investment Management. 3 Credits.**

Students learn the practical aspects of investment management and act as portfolio managers to create and manage their own investment portfolios under real-time market conditions. Satisfies applied learning requirement for undergraduate business majors.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

#### **Prerequisites:**

- BUS341 Minimum Grade of C+

May not be repeated for credit

### **BUS456. Human Resources & Organizational Behavior Applications. 3 Credits.**

Application of theories, techniques, and strategies from organizational behavior and human resource management. Provides students with practical tools for dealing with the challenges presented by today's highly competitive and dynamic business environment.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

#### **Prerequisites:**

- BUS250 Minimum Grade of C-
- BUS321 Minimum Grade of C-

May not be repeated for credit

### **BUS457. Entrepreneurship and Business Planning. 3 Credits.**

This course will focus on the skills needed to start a business. Topics include identifying markets, developing business plans, and financing operations. Working in teams, students create business plans and may present them to a team of judges.

#### **Attributes:**

- Entrepreneurship
- Practicum - Non-Clinical

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

#### **Prerequisites:**

- BUS202 Minimum Grade of C-
- BUS250 Minimum Grade of C-
- BUS325 Minimum Grade of C-
- BUS341 Minimum Grade of C-

May not be repeated for credit



**BUS458. Introduction to Project Management. 3 Credits.**

Project manager is often a first step into management. Projects are temporary activities that have a clear goal and end point. Lectures, exercises, and team projects, will develop operational, design, personnel, budget, and communication skills.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

May not be repeated for credit

**BUS459. Intro to Risk Management and Derivatives. 3 Credits.**

Introduction to basic concepts of derivatives, risk analysis using quantitative tools and the use of derivatives in risk management. Topics include Introduction to financial derivatives (forwards, futures and options); Risk management strategies using derivatives, forward and futures pricing theories and Black-Scholes option pricing model.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS341 Minimum Grade of C+

May not be repeated for credit

**BUS460. Financial Analytics. 3 Credits.**

Introduction to financial modeling and data analysis. Topics include application of asset pricing models, risk measurement, bond market data analysis, interest rate term structure modeling, commodities market data analysis, valuation of swaps and bootstrapping zero-coupon curve, and stochastic process.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Business Analytics (BAN)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS459 Minimum Grade of C-

May not be repeated for credit

**BUS461. Business Analytics Capstone. 3 Credits.**

In this capstone class students integrate the knowledge they have gained in the core curriculum in a project presented in a seminar. Students in this course will review and explore the analytics methodologies and associate risk analysis and risk assessment.

**Attributes:**

- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Business - ITU (547U)
  - General Business - Izmir (547I)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

**Prerequisites:**

- BUS381 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**BUS493. Business Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

May be repeated for credit

**BUS494. Fieldwork In Business. 1-3 Credits.**

Supervised experience in a business environment.

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

May be repeated for credit

**BUS495. Independent Study Business. 1-12 Credits.**

Supervised study and research.

**Attributes:**

- Information Mgmt Intrmd

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business Analytics (531)
  - Finance (543)
  - General Business (547)
  - General Studies (501)
  - International Business (546)
  - Management (544)
  - Marketing (545)

May be repeated for credit

## Chemistry (CHE)

### CHE100. Environmental Chemistry. 3 Credits.

Principles of chemistry behind the effects of such environmental problems as acid rain, ozone layer depletion, atmospheric and aquatic pollution, global warming. Evaluation of experimental data leading scientists to current conclusions regarding these environmental issues.

#### Attributes:

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration):
  - 7-12: Chemistry (032)
  - 7-12: Biology (031)
  - Adolescence Ed: Biology (031A)
  - Biology (101)
  - Chemistry (509)
  - Geology (510)
  - Physics (108)

#### Prerequisites:

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT093 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

### CHE182. Chemistry in Art. 3 Credits.

Materials used in the production of art works, including their sources, properties, and applications. Topics to be covered are: metals, their use in sculpture, printmaking, and gold and silver work; paper; black and white photography; pigments and dyes; coatings (varnishes and synthetic polymers). Designed for non-science majors.

#### Attributes:

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Chemistry (509)

#### Prerequisites:

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT093 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

### CHE191. Medicinal Chemistry. 3 Credits.

An exploration of the intersection between chemistry and medicine; covering some basic chemistry; the structure of the human body at various scales; and use of pharmaceuticals, including the chemical basis of how they interact with the body.

#### Attributes:

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

#### Restrictions:

- Must have the following level: Undergraduate

#### Prerequisites:

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT053 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

### CHE193. Chemistry Selected Topic. 3-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

#### Restrictions:

- Must have the following level: Undergraduate

May be repeated for credit

### CHE199. Modular Course. 0 Credits.

#### Restrictions:

- Must have the following level: Undergraduate

May not be repeated for credit

### CHE201. General Chemistry I. 3 Credits.

Principles governing chemical change in relation to the atomicity of matter, atomic structure and the periodic system of the elements.

#### Attributes:

- Liberal Arts
- GE4: Natural Science Lecture
- GE5: Natural Science Lecture
- GE3: NSCI
- Systematic Inquiry

#### Restrictions:

- Must have the following level: Undergraduate

#### Prerequisites:

- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of C- or MAT193 Minimum Grade of C- or MAT 153 Minimum Grade of C-
- CHE211 Minimum Grade of D-\*

\* May be taken at the same time

May not be repeated for credit

**CHE202. General Chemistry II. 3 Credits.**

Kinetics, thermodynamics, equilibria and electrochemistry.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Lecture
- GE5: Natural Science Lecture
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- CHE201 Minimum Grade of C-
- CHE211 Minimum Grade of D-
- CHE212 Minimum Grade of D-\*
- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of C-

\* May be taken at the same time

May not be repeated for credit

**CHE211. General Chemistry I Lab. 1 Credit.**

Laboratory work complements the lecture material covered in CHE201.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Lab
- GE5: Natural Science Lab

**Restrictions:**

- Must have the following level: Undergraduate

**Corequisites:**

- CHE201

May not be repeated for credit

**CHE212. General Chemistry II Lab. 1 Credit.**

Laboratory work complements the lecture material covered in CHE202.  
THERE WILL BE AN ADDITIONAL FEE ASSOCIATED WITH THIS COURSE.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- GE4: Natural Science Lab
- GE5: Natural Science Lab

**Prerequisites:**

- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of D-
- CHE201 Minimum Grade of D-

**Corequisites:**

- CHE202

May not be repeated for credit

**CHE293. Chemistry Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**CHE295. Indep Study Chemistry. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**CHE296. Departmental Elective. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**CHE299. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**CHE303. Introduction to Analytical Chemistry. 4 Credits.**

Lecture and laboratory work in gravimetric, volumetric, and elementary instrumental analysis. Application of statistics to analytical chemistry.

**Attributes:**

- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHE202 Minimum Grade of D-

May not be repeated for credit

**CHE306. Organic Chemistry I Lab. 1 Credit.**

Laboratory meets once a week and will provide practical experience in some fundamental techniques of organic chemistry.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHE202 Minimum Grade of C-

**Corequisites:**

- CHE318

May not be repeated for credit

**CHE309. Organic Chemistry II Lab. 1 Credit.**

Laboratory work will utilize the microscale techniques employed in Organic Chemistry I to the study of organic reactions. THERE WILL BE AN ADDITIONAL \$30.00 FEE ASSOCIATED WITH THIS COURSE.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHE202 Minimum Grade of D-

**Corequisites:**

- CHE319

May not be repeated for credit

**CHE314. Inorganic Chemistry. 3 Credits.**

Inorganic Chemistry builds on the foundation provided in General and Organic Chemistry. The chemistry of the full periodic table will be discussed. Emphasis will be placed on modern techniques, theories, and applications.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHE202 Minimum Grade of D-

May not be repeated for credit

**CHE318. Organic Chemistry I. 3 Credits.**

Structural theory and its application to the study of the properties of carbon compounds.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHE202 Minimum Grade of C- and CHE212 Minimum Grade of D-
- CHE306 Minimum Grade of D-\*

\* May be taken at the same time

May not be repeated for credit

**CHE319. Organic Chemistry II. 3 Credits.**

Continuation of Organic Chemistry I.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHE318 Minimum Grade of C- and CHE306 Minimum Grade of D-
- CHE309 Minimum Grade of D-\*

\* May be taken at the same time

May not be repeated for credit

**CHE320. Physical Chemistry Recitation. 0 Credits.**

Structured time each week for students to strengthen their problem-solving skills and understanding of concepts in physical chemistry by completing homework and other assignments given in CHE321 or 322 with support and guidance from the instructor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Chemistry (441)
  - Chemistry (509)

**Prerequisites:**

- CHE321\* or CHE322\*
- CHE202 Minimum Grade of C-
- PHY202 Minimum Grade of D-
- MAT341 Minimum Grade of D- or (MAT359 Minimum Grade of D- and MAT353 Minimum Grade of D-)

\* May be taken at the same time

May be repeated for credit

**CHE321. Physical Chemistry I. 3 Credits.**

Study of ideal and real gases, kinetics, thermodynamics, phase and chemical equilibrium, electrochemistry.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHE202 Minimum Grade of C-
- PHY202 Minimum Grade of D-
- (MAT341 Minimum Grade of D- or (MAT359 Minimum Grade of D- and MAT353 Minimum Grade of D-))

**Corequisites:**

- CHE320

May not be repeated for credit

**CHE322. Physical Chemistry II. 3 Credits.**

Introduction to quantum mechanics and atomic and molecular spectroscopy.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHE202 Minimum Grade of C-
- PHY202 Minimum Grade of D-
- (MAT341 Minimum Grade of D- or (MAT353 Minimum Grade of D- and MAT359 Minimum Grade of D-))

**Corequisites:**

- CHE320

May not be repeated for credit

**CHE323. Experimental Physical Chemistry. 3 Credits.**

Lecture and laboratory work in methodology and techniques used in physical chemistry. Stresses design of experiments, thorough analysis of data, and the writing of scientific reports.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHE322 Minimum Grade of D-
- CHE321 Minimum Grade of D-\*

\* May be taken at the same time

May not be repeated for credit

**CHE393. Chemistry Selected Topic. 12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CHE396. Departmental Elective. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CHE399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CHE407. Instrumental Techniques. 4 Credits.**

Familiarization with the modern instruments and techniques used in chemistry.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHE303 Minimum Grade of D-

May not be repeated for credit

**CHE415. Advanced Inorganic Chem Lab. 1 Credit.**

Inorganic Chemistry Laboratory puts into practice the principles learned in Inorganic Chemistry. Modern laboratory techniques will be taught and used to explore the chemistry of s, p, and d-block elements.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHE202 Minimum Grade of D-
- CHE319 Minimum Grade of D-
- CHE314 Minimum Grade of D-\*

\* May be taken at the same time

May not be repeated for credit

**CHE485. Seminars in Chemistry. 2 Credits.**

A series of lecture and discussion sessions conducted by distinguished visiting scientists and faculty members and students of the chemistry department. Topics are of current interest in chemistry, many of which cannot be covered in traditional courses.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Chemistry (441)
  - Chemistry (509)

May not be repeated for credit



**CHE490. Senior Research in Chemistry. 3 Credits.**

Student undertakes a program of research under the guidance of a faculty advisor.

**Attributes:**

- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Chemistry (441)
  - Chemistry (509)

May be repeated for credit

**CHE493. Chemistry Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Chemistry (441)
  - Chemistry (509)

May be repeated for credit

**CHE494. Fieldwork In Chemistry. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CHE495. Indep Study Chemistry. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

## Chinese (CHI)

**CHI101. Elementary Chinese I. 4 Credits.**

First half of a foundation course. Introduction to Chinese, for students with little or no previous knowledge of the language. Fundamentals of speaking, listening, reading and writing. Basic grammatical concepts and some cultural information about the Chinese-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 1
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 1

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**CHI102. Elementary Chinese II. 4 Credits.**

Second half of a foundation course. Continuation of Elementary Chinese I. Further fundamentals of speaking, listening, reading and writing. Further basic grammatical concepts, such as additional tenses and modes, plus additional cultural information about the Chinese-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 2
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 2

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- CHI101 Minimum Grade of D- or Chinese Placement Level Minimum Score of 1

May not be repeated for credit

**CHI193. Chinese Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**CHI199. Chinese Modular. 1 Credit.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**CHI201. Intermediate Chinese I. 4 Credits.**

Work in Chinese to improve listening, reading, writing and speaking skills. Provides an overall grammar review with the introduction of more advanced structures to enhance students' active use of Chinese, especially in the areas of conversation (listening and speaking) and writing. Analysis of readings and other media on culturally significant topics.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- CHI102 Minimum Grade of D- or Chinese Placement Level Minimum Score of 2

May not be repeated for credit

**CHI202. Intermediate Chinese II. 4 Credits.**

Provides an overall grammar review that seeks to enhance students' active use of Chinese, especially in areas of conversation (listening and speaking) and writing. Further intermediate-level conversation, composition and analysis of readings and other media in Chinese on culturally significant topics.

**Attributes:**

- Critical Thinking Introductory
- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Information Mgmt Intrmd
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- CHI201 Minimum Grade of D- or Chinese Placement Level Minimum Score of 3

May not be repeated for credit

**CHI293. Chinese Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**CHI295. Indep Study Chinese. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**CHI296. Departmental Elective. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**CHI299. Chinese Modular. 1-12 Credits.****CHI301. Chinese Comp and Conv. 3 Credits.****Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHI102 Minimum Grade of D-

May not be repeated for credit

**CHI310. Spoken Mandarin. 3 Credits.**

Designed to teach Mandarin, the official language of both The People's Republic of China and The Republic of China (Taiwan), to students who have a proficiency in reading and writing Chinese, and who speak a Chinese language other than Mandarin. The course is also open to students who have completed the equivalent of Elementary Chinese 1 and 2 (CHI101 and CHI102) and Intermediate Chinese 1 and 2 (CHI201 and CHI202).

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CHI393. Chinese Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CHI396. Departmental Elective. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CHI399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CHI493. Chinese Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CHI494. Fieldwork In Chinese. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CHI495. Indep Study Chinese. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Communication Disorders (CMD)****CMD101. Elementary American Sign Language 1. 3 Credits.**

This course is designed to teach American Sign Language communication skills at the basic/introductory level. It includes vocabulary and ASL sentence structure used in ordinary life situations. Students learn both receptive and expressive ASL skills.

**Attributes:**

- GE4: Foreign Language 1
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 1

**Restrictions:**

- Must not be enrolled in the following field(s) of study (major, minor or concentration): Comm Disorders Post-BA (089)

May not be repeated for credit

**CMD102. Elementary American Sign Language 2. 3 Credits.**

This course is designed to teach American Sign Language communication skills at the beginning/intermediate level and Deaf culture.

**Attributes:**

- GE4: Foreign Language 2
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 2

**Prerequisites:**

- CMD101 Minimum Grade of C- or American Sign Lang Placement Minimum Score of 2

May not be repeated for credit

**CMD200. Survey of Communication Disorders. 3 Credits.**

Students will explore the professions of speech-language pathology and audiology. Students Will be able to define basic concepts and terminology in communication disorders, life span issues and identify the scope of practice in a variety of clinical practice settings. This course is appropriate for students wishing to explore career options and consider a major in Communication Disorders. Not for students who have completed CMD312.

**Attributes:**

- Information Mgmt Intro
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in one of the following classes: Senior, Junior

May not be repeated for credit

**CMD202. Deaf Culture and Heritage. 3 Credits.**

Through readings, films, discussions, and assignments, students will gain an appreciation for the nature and evolution of Deaf Culture and the challenges faced by the Deaf in society, both in the past and currently. The course provides background on the history of American Sign Language and on trends in Deaf education in the U.S. Students will explore the intersectionality of Deaf Culture and identity with race, class, and gender and the synergistic interactions between discrimination based on these identities and ableism and audism.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts
- Systematic Inquiry

**Restrictions:**

- Must not be enrolled in the following field(s) of study (major, minor or concentration): Comm Disorders Post-BA (089)

May not be repeated for credit

### **CMD203. Intermediate American Sign Language 1. 3 Credits.**

Intermediate/Advanced instruction in American Sign Language and Deaf Culture.

#### **Attributes:**

- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

#### **Prerequisites:**

- American Sign Lang Placement Minimum Score of 3 or (CMD101 Minimum Grade of C- and CMD102 Minimum Grade of C-)

### **CMD205. Intermediate American Sign Language 2. 3 Credits.**

Advanced instruction in American Sign Language with a focus on conversation skills.

#### **Attributes:**

- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

#### **Restrictions:**

- Must have the following level: Undergraduate

#### **Prerequisites:**

- CMD203 Minimum Grade of C-

May not be repeated for credit

### **CMD293. Comm Dis Selected Topics. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

### **CMD295. Indep Study Comm Disorders. 1-6 Credits.**

May be repeated for credit

### **CMD302. Phonetics. 4 Credits.**

The sounds of speech, their manner of production, their combinations and diacritical marks, and phonetic symbols. Training in the use of the International Phonetic Alphabet.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must be enrolled in one of the following classes: Sophomore, Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Communication Disorders (588)
  - Linguistics (LIN)

May not be repeated for credit

### **CMD304. Speech and Hearing Science. 4 Credits.**

Principals of Acoustic phonetics, anatomy and physiology of hearing, perception of sound and speech.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorders (588)

#### **Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT053 Minimum Grade of C- or MAT121 Minimum Grade of C- or MAT120 Minimum Grade of C-
- CMD 204 Minimum Grade of C- or PHY109 Minimum Grade of C- or PHY208 Minimum Grade of C-

May not be repeated for credit

### **CMD306. Language Development in Children. 3 Credits.**

The nature of speech and language development in young children.

#### **Attributes:**

- Critical Thinking Introductory
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorders (588)

May not be repeated for credit

### **CMD310. Anatomy & Physiology of Speech and Swallowing. 4 Credits.**

Basic anatomy and embryological development of language and speech. The course also provides basic understanding of the physiology of respiration, articulation, phonation, and swallowing.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must be enrolled in one of the following classes: Sophomore, Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorders (588)

May not be repeated for credit

**CMD312. Introduction to Communication Disorders. 3 Credits.**

Survey of the field of speech-language pathology and audiology. Nature and etiology of disordered speech, language and hearing disorders. Basic principles of rehabilitation are discussed.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CMD314. Autism Spectrum Disorders. 3 Credits.**

Students will develop familiarity with Autism Spectrum Disorders (ASD) and issues related to diagnosis, etiology, characteristics, intervention approaches, public policy, and activism across the lifespan. Current topics and theories in ASD will be discussed.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following field(s) of study (major, minor or concentration): Comm Disorders Post-BA (089)

May not be repeated for credit

**CMD315. Disorders of Fluency and Voice. 3 Credits.**

This course explores the current knowledge base of the nature of normal fluency development and voice production as well as disorders. It is an introduction to modern theories, recent developments, research findings and treatment methods related to the nature, etiology and treatment of fluency and voice disorders. Typical and atypical development of fluency and voice will be examined through lecture/discussion reading and observation and analysis of audio and videotapes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorders (588)

**Prerequisites:**

- CMD310 Minimum Grade of C-

May not be repeated for credit

**CMD317. Audiology. 3 Credits.**

The etiology of hearing disorders; principles and methods of audiometric assessment including pure tone and speech audiometry, screening, tympanometry, and acoustic reflex assessment; the interpretation of audiometric test results; audiologic management and follow up.

**Attributes:**

- Other Applied Learning
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorders (588)

May not be repeated for credit

**CMD393. Select Topic Com Disords. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CMD401. Observations and Clinical Methods. 3 Credits.**

This course introduces clinical procedures and fundamental clinical skills in Communication Disorders. Students will observe peer-viewed clinical videos through The Master Clinician Network. This course fulfills the American Speech and Hearing Association's requirement of 25 hours of observation and provides verification of Health Insurance Portability and Accountability Act (HIPAA) training. Students receive a certificate verifying the completion of the required 25 hours and HIPAA training upon completion of the course.

**Attributes:**

- Other Applied Learning
- Liberal Arts

**Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorders (588)

**Prerequisites:**

- CMD415 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

**CMD402. Clinical Participation I. 2 Credits.**

First level direct clinical experience in individual therapy programs at the New Paltz Speech-Language Hearing Center. Planning of long-and short-term goals, development of session plans, selection of appropriate materials and clinical procedures, use of clinical instrumentation, ongoing diagnosis, and accurate written reporting of these experiences.

**Attributes:**

- Clinical Placement
- Practicum - Non-Clinical
- Liberal Arts

**Restrictions:**

- Must not be enrolled in one of the following classes: Junior, Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorders (588)

**Prerequisites:**

- CMD302 Minimum Grade of C-

May be repeated for credit

**CMD403. Clinical Participation II. 2 Credits.**

Therapeutic procedures in the management of communication disorders. Participation in the management of a variety of speech, language and auditory disorders, including planning programs of individual therapy, evaluation of therapeutic progress.

**Attributes:**

- Clinical Placement
- Practicum - Non-Clinical
- Liberal Arts

**Restrictions:**

- Must not be enrolled in one of the following classes: Junior, Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorders (588)

**Prerequisites:**

- CMD402 Minimum Grade of C-

May be repeated for credit

**CMD406. Diagnosis in Speech-Language Pathology. 4 Credits.**

Philosophical and scientific consideration, basic principles and selected methods of diagnosis and appraisal of speech and language disorders. Students will practice administration, scoring and writing complete diagnostic reports as well as learn to make appropriate outside referrals based on scope of practice and eligibility criteria for services.

**Attributes:**

- Other Applied Learning
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorders (588)

**Prerequisites:**

- ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG 002 Minimum Grade of TD- or ENG207 Minimum Grade of D-
- CMD415 Minimum Grade of C-

May not be repeated for credit

**CMD409. Introduction to Aural Rehabilitation. 3 Credits.**

Audiologic management of hearing impairment, with emphasis on children. Rehabilitation strategies including early intervention, counseling, hearing aids, FM systems, assistive devices, cochlear implants, tactile aids; speech and language training; educational issues.

**Attributes:**

- Other Applied Learning
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorders (588)

**Prerequisites:**

- CMD 417 Minimum Grade of C- or CMD317 Minimum Grade of C-

May not be repeated for credit

**CMD415. Disorders of Child Language. 3 Credits.**

Study of the etiology and characteristics of language disorders in children. Basic assessment and treatment principals and techniques are described. Emphasis on disorders in the areas of content, form, and use.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorders (588)

**Prerequisites:**

- CMD306 Minimum Grade of C-

May not be repeated for credit

**CMD419. Research in Communication Disorders. 3 Credits.**

Elements of quantitative research; application of psychophysiological research methods to human communication problems.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorders (588)

**Prerequisites:**

- MAT 185 Minimum Grade of D- or MAT145 Minimum Grade of D- or MAT241 Minimum Grade of D- or (PSY 275 Minimum Grade of D- or PSY201 Minimum Grade of D-) or SOC307 Minimum Grade of D-



**CMD420. Seminar in Communication Disorders. 4 Credits.**

A capstone course in disorders of fluency, articulation and phonology, motor speech and voice focusing on current research and theories. Treatment options will be emphasized.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorders (588)

**Prerequisites:**

- CMD302 Minimum Grade of C-
- CMD415 Minimum Grade of C-

**CMD453. Research Plans and Projects. 3 Credits.**

A research lab for Communication Disorders major designed as an introduction to scientific inquiry in the communication fields. The goal is to learn to think like a researcher, developing research skills while, at the same time, carrying out a study/project.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorders (588)

**Prerequisites:**

- CMD419 Minimum Grade of C-

May be repeated for credit

**CMD473. Clinical Methods in Audiology. 4 Credits.**

Clinical Methods in Audiology is a capstone course in Communication Disorders major. The course is appropriate for students who are considering a career in Audiology. Students will apply concepts from introductory and intermediate courses in the major to clinical procedures and diagnostic tests commonly employed in the profession of audiology. Students will be exposed to clinical decision making, evidence-based practice, and develop clinical writing skills. Students participate in a supervised practicum experience. Writing Intensive.

**Attributes:**

- Practicum - Non-Clinical
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Communication Disorders (588)
  - Communication Disorders Cert (790)

**Prerequisites:**

- CMD 417 Minimum Grade of C- or CMD317 Minimum Grade of C-

May not be repeated for credit

**CMD474. Clinical Participation in Audiology. 3 Credits.**

Undergraduate audiology practicum at SUNY New Paltz Speech and Language and Hearing Center for students interested in a career in audiology. Supervised clinical experience in audiological diagnostic testing and rehabilitation with emphasis on application of concepts from previous course work. Students will gain clinical practice and engage in discussions about topics in the literature, write clinical reports and prepare case studies.

**Prerequisites:**

- CMD473 Minimum Grade of B+
- CMD401 Minimum Grade of C-

May be repeated for credit

**CMD493. Comm Dis Selected Topics. 12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CMD494. Fieldwork Comm Disorders. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CMD495. Indep Study Comm Disorders. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Communication Studies (CMM)****CMM100. Introduction to Communication. 3 Credits.**

Survey of the study of human communication including: the classical origins of the discipline; the value and impact of symbols; the role of communication in human behavior.

**Attributes:**

- Liberal Arts
- GE4: Social Science
- GE5: Social Sciences

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**CMM104. Public Speaking. 3 Credits.**

Communicating an idea successfully to an audience in a "one-to-many" speaking situation. Emphasis on creating, researching, organizing, and presenting speeches.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**CMM193. Communication Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**CMM202. Interpersonal Communication. 3 Credits.**

Communicating successfully in personal and social relationships. Survey of the human element in communication with a focus on skills in self assertion, listening, perception, and understanding relationships.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**CMM204. Small Group Communication. 3 Credits.**

Problem solving in decision-making committees. Survey of group processes in task-oriented contexts. Practice in the techniques of organizing, leading, and participating in effective group discussions.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**CMM214. Storytelling and Culture. 3 Credits.**

Storytelling as an audience-centered product of culture. Students research and perform stories from a variety of cultures, with an emphasis on the societal factors that shape group identity. Each student's stories come from three different cultures.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Effective Expression/Oral
- Liberal Arts

May not be repeated for credit

**CMM231. Writing for Public Relations. 3 Credits.**

Introduction to norms of journalistic styles of writing, including interview techniques, newsworthiness, proforma conventions of objectivity, and Associated Press (AP) style. 90% of "news stories" are written by Public Relations practitioners. Students learn those skills.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**CMM293. Communication Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

May be repeated for credit

**CMM295. Independent Study Communication. 1-12 Credits.**

May be repeated for credit

**CMM299. Communication Modular. 0 Credits.****Attributes:**

- Liberal Arts

May not be repeated for credit

### **CMM302. Business and Professional Communication. 3 Credits.**

Exploration of the challenges of communication and self-presentation in the 21st century work environment. Course topics include theoretical and applied aspects of communication channels, message forms, and persuasive techniques as related to various professional scenarios.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- ENG170 Minimum Grade of D- or ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit

### **CMM312. Design and Public Relations. 3 Credits.**

Practical course in journalistic editing and design, with emphasis on producing publication-ready work for multimedia.

#### **Attributes:**

- Practicum - Non-Clinical
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Journalism (523)
  - Journalism (JRN)
  - Public Relations (505R)
  - Strategic Communication (505T)

#### **Prerequisites:**

- CMM231 Minimum Grade of C- or DMJ230 Minimum Grade of C-

May not be repeated for credit

### **CMM315. Introduction to Strategic Communication. 3 Credits.**

A theoretical and practical introduction to the (1) role of strategic communication in an information-based, democratic society and (2) skills involved in relaying information to and getting feedback from various publics.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **CMM316. Strategic Public Relations Campaigns. 3 Credits.**

Research based campaign strategies for businesses and non-profits. face-to-face, traditional, and social media strategies are taught. Students create internal speeches, newsletters, public service announcements, media releases, targeted external speeches, brochures, social media plans, and slide shows.

#### **Attributes:**

- Service Learning
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Public Relations (505R)
  - Strategic Communication (505T)

#### **Prerequisites:**

- DMJ230 Minimum Grade of C- or CMM315 Minimum Grade of C- or CMM231 Minimum Grade of C-

May not be repeated for credit

### **CMM317. Social Media and Public Relations. 3 Credits.**

The study of social media and search engine optimization to promote products, services, and causes. Creation or analysis of current platforms such as LinkedIn, Facebook, Twitter, Tumblr, Google+ and WordPress. Viral and networking strategies, such as # and @ are included.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Public Relations (505R)
  - Strategic Communication (505T)

#### **Prerequisites:**

- (DMJ230 Minimum Grade of C- and CMM315 Minimum Grade of C-) or CMM231 Minimum Grade of C-

May not be repeated for credit

### **CMM318. Organizational Reputation and Stakeholder Engagement. 3 Credits.**

Communicative dimensions of organizational reputation and stakeholder engagement. Evaluation stakeholder theory, cross-sector collaboration, leadership, trust, race, gender, and uncertainty in relation to stakeholder relationships and organizational reputation.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- CMM315 Minimum Grade of C-
- CMM360 Minimum Grade of C-

May not be repeated for credit

### **CMM324. Crisis, Risk, and Disaster Communication. 3 Credits.**

Introduces theories, practices, and models of crisis, risk, and disaster communication, including situational crisis communication theory, stakeholder communication and engagement, collaboration and communication, and the role of culture, identity, and place on disaster communication.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

### **CMM325. Computer-Mediated Communication. 3 Credits.**

Introduces students to theories, practices, and evaluations of how modern computer technology is used to mediate human communication. The course focuses on how computer-mediated communication impacts communication in a number of specific communication contexts.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **CMM326. Environmental Communication. 3 Credits.**

Introduces the relationship between communication and the natural world, including the formation of environmental beliefs and attitudes. Survey of contemporary environmental issues, key debates, and campaigns to affect sustainable outcomes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

### **CMM334. Communicating Corporate Social Responsibility. 3 Credits.**

Examination of communicative dimensions of corporate social responsibility (CSR) including the role of Business/Nonprofit partnerships, sustainability, and CSR communication. Introduces the Triple Bottom Line of People, Planet, and Profit and stakeholder models for communication CSR.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CMM315 Minimum Grade of C-

May not be repeated for credit

### **CMM350. Human Communication Theory. 3 Credits.**

This course introduces students to communication theory, focusing on the core theories that have influenced the field of communication. Through class discussion, oral presentation, and written work, students will critique and build upon communication theory and apply theories and to real-world scenarios. Attention given to links among theoretical paradigms, research methods, and practical applications.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Studies (505)

May not be repeated for credit

### **CMM352. Qualitative Communication Research Methods. 3 Credits.**

An introduction to the methodology and practice of qualitative research. Students gain practice in the critique of qualitative communication research literature, and are exposed to research paradigms, approaches to qualitative research, and ways to collect and analyze qualitative data. Students will design, carry out, and present their own qualitative communication research project.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CMM353. Persuasion and Social Influence. 3 Credits.**

Analysis of social aspects of influence and persuasion, cultural bases for belief and theories of attitude change. Principles and process of influencing human behavior in a variety of contexts.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CMM354. Quantitative Communication Research Methods. 3 Credits.**

Provides undergraduates with principles and basic skills necessary to criticize research literature; develops minimal proficiencies in structuring designs basic to descriptive and experimental studies, including data collection, analysis, and presentation techniques in communication research.

**Attributes:**

- Research
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CMM355. Nonverbal Communication. 3 Credits.**

Survey of the vocabulary, theoretical principles and research in nonverbal communication. Topics include: physical appearance; gesture; posture; touch; facial expressions; eye behavior; vocal cues; and the use of time and territory.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Comm Disorders Post-BA (089)

May not be repeated for credit

**CMM357. Argumentation. 3 Credits.**

Principles and techniques of advocacy, including the establishment of claims, the requirements of proof and the standards of evidence. Surveys the field of argumentation in social and philosophical settings.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CMM358. Conflict Management. 3 Credits.**

Exploration of antecedents, processes, and outcomes associated with conflict communication in friendships, courtships, marriages, divorces and the workplace.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CMM359. Communication Among Cultures. 3 Credits.**

Understanding how culture shapes our perceptions and communication behaviors. Strategies for effective cross-cultural and intercultural communication.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CMM360. Organizational Communication. 3 Credits.**

Overview of communication processes in large-scale, hierarchical organizations. Emphasis on interviewing, committee decision-making, and developing business/professional presentations.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CMM362. Leadership and Communication. 3 Credits.**

Analyze the empirical, theoretical, and practical aspects of leadership from a communication perspective. Leadership contexts ranging from small group to society. Issues of culture, gender, an ethics and how leaders shape social reality.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Communication (CMM)
  - Communication Studies (505)

May not be repeated for credit

**CMM374. Language & Everyday Conversation. 3 Credits.**

Explores frameworks and techniques for analyzing everyday talk, including how we use language as a practical tool during ordinary interpersonal conversation as well as in organizational settings (e.g., medicine, broadcast media, law, education).

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CMM375. Social Change and Advocacy Communication. 3 Credits.**

Examines the communicative dimensions of social change and advocacy work. Topics include social movements, communication networks, political advocacy, media affordances, and insights from local social and community changes practitioners.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CMM379. Communication, Culture, and Difference. 3 Credits.**

Explores the communication practices of particular communities including (but not limited to) populations which are marginalized or understudied. The course emphasizes advanced methods for studying how cultural communication intersects with markers of difference.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CMM389. Perceptions of Diversity in Communication. 3 Credits.**

Analysis of individual and social elements that shape perceptions of diversity in human communication. Examines how bias, empathy, and morality operate when people communicate. Concepts related to communication and psychology applies to issues of diversity.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CMM393. Communication Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CMM399. Communication Modular. 1-12 Credits.**

May be repeated for credit

**CMM430. Training and Development. 3 Credits.**

Focuses on the design and delivery of training programs and performance interventions beginning with the needs assessment and continuing through the evaluation phase. Students will also learn the theoretical and practical aspects of both instructional communication and talent development.

**Attributes:**

- Service Learning
- Research
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior

May not be repeated for credit

**CMM450. Negotiation. 3 Credits.**

Communication strategies for surviving conflicts in organizational settings. Analysis and application of theoretical models of conflict management.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CMM451. Political Communication. 3 Credits.**

Examines the principles and practices of political communication by exploring the structure and strategies of presidential and legislative discourse. Topics include the impact of mass-mediated political messages and the rhetorical functions of political campaigns.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit



**CMM452. Communication and Gender. 3 Credits.**

Influences of gender on language, speech and communication pragmatics. Topics discussed within a variety of communication contexts.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CMM454. Organizational Communication Seminar. 4 Credits.**

Synthesis of research regarding the role of communication in large, complex organizations. Study and application of research methods for analyzing organizational variables that affect communication behavior.

**Attributes:**

- Research
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Organizational (5050)

**Prerequisites:**

- CMM353 Minimum Grade of C- or CMM352 Minimum Grade of C- or CMM354 Minimum Grade of C-
- CMM360 Minimum Grade of C-
- ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD- or ENG170 Minimum Grade of D-

May not be repeated for credit

**CMM455. Relational Communication Seminar. 4 Credits.**

Synthesis of research regarding the role of communication in interpersonal relationships. Study and application of research methods for analyzing interpersonal variables that affect communication behaviors.

**Attributes:**

- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Interpersonal / Intercultural (505I)
  - Relational Communication (505C)

**Prerequisites:**

- CMM352 Minimum Grade of C- or CMM353 Minimum Grade of C- or CMM354 Minimum Grade of C-
- ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**CMM456. Seminar in Strategic Communication. 4 Credits.**

A senior-level capstone course in which students hone and apply public relations skills to several major public relations projects - written, oral, and visual. Students create, compose, and analyze proposals, business plans, as well as budgets and budget proposals.

**Attributes:**

- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Public Relations (505R)
  - Strategic Communication (505T)

**Prerequisites:**

- CMM315 Minimum Grade of C-
- CMM316 Minimum Grade of C- or CMM317 Minimum Grade of C-

May not be repeated for credit

**CMM490. Internship in Communication. 1-12 Credits.**

Internship in communication. Satisfactory/Fail.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Studies (505)

**Corequisites:**

- CMM491

May be repeated for credit

**CMM491. Internship Seminar. 1 Credit.**

The analytical component to internship experience. Students produce daily logs, professional article reviews, and a final project with accompanying analysis.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Corequisites:**

- CMM490

May be repeated for credit

**CMM493. Communication Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CMM494. Fieldwork Communication. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CMM495. Independent Study Communication. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CMM499. Modular Course. 1-12 Credits.****Computer Science (CPS)****CPS100. Computers and Applications. 3 Credits.**

This course will provide students with a broad overview of computers and their uses. Topics include hardware, software, and the Internet/World Wide Web. Various applications such as word processing, spreadsheets, and database management systems will be discussed. The course is not intended for Computer Science majors.

**Attributes:**

- Liberal Arts

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT093 Minimum Grade of C-

May not be repeated for credit

**CPS104. Visual Programming. 3 Credits.**

This course covers the Windows environment including files, program groups, Windows Help and applications. It covers visual programming topics such as applications, windows, controls and script writing.

**Attributes:**

- Liberal Arts

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT093 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

**CPS110. Web Page Design. 3 Credits.**

A first course in the techniques and software used to design web pages, including html, xhtml, java script, dhtml and xml.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**CPS193. Computer Science Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**CPS210. Computer Science I: Foundations. 4 Credits.**

Algorithms, computer organization, data representation, program structure, programming techniques, numerical and non-numerical problems with emphasis on the analysis of problems and the formulation of algorithms for their solution. Numerous short programming assignments.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts

**Prerequisites:**

- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of C-

May not be repeated for credit

**CPS293. Computer Science Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**CPS295. Indep Study Comp Science. 1-6 Credits.**

May be repeated for credit

**CPS296. Departmental Elective. 0 Credits.**

May be repeated for credit

**CPS299. Modular Course. 0 Credits.**

May not be repeated for credit

**CPS310. Computer Science II: Data Structures. 4 Credits.**

Advanced programming and techniques for organizing and operating upon data. Lists, stacks, trees, and graphs. Sequential and linked storage allocations. Data structures in language processors. Includes supervised programming laboratory.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CPS210 Minimum Grade of B-

May not be repeated for credit

**CPS315. Computer Science III. 4 Credits.**

A continuation of Computer Science II: Techniques for operating on advanced data structures, has tables, search trees, heaps, and graphs; design, analysis, and implementation of algorithms for searching, sorting, and graph processes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CPS310 Minimum Grade of C-

May not be repeated for credit

**CPS330. Assembly Language and Computer Architecture. 4 Credits.**

Provides an "under the hood" examination of computer systems. Topics include number systems, machine language, assembly language, linking and loading, instruction set architecture, microarchitecture, memory systems, and high-level languages at the assembly level.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CPS310 Minimum Grade of C-

May not be repeated for credit

**CPS340. Operating Systems. 4 Credits.**

The design and implementation of single and multi-user operating systems. Memory management, process management, device management.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CPS330 Minimum Grade of C-

May not be repeated for credit

**CPS341. Operating Systems II. 3 Credits.**

Design and implementation of major components of a modern operating system.

**Attributes:**

- Liberal Arts

**Prerequisites:**

- CPS340 Minimum Grade of C-

May not be repeated for credit

**CPS342. Embedded Linux. 3 Credits.**

Students learn the principles and practices of the Linux operating system in the embedded environment.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CPS310 Minimum Grade of C-

May not be repeated for credit

**CPS352. Object Oriented Programming. 3 Credits.**

The concepts of object oriented programming – objects and classes, messages and receivers, encapsulation and inheritance – and the typical tools – browsers and libraries – are presented. A large number of programming assignments require the student to commit substantial time and effort to this course, and provide the student with a working knowledge of object oriented programming.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CPS310 Minimum Grade of C-

May not be repeated for credit

**CPS353. Software Engineering. 3 Credits.**

This is an introductory software engineering course that has a project as a major component. The emphasis is on the specification, organization, implementation, testing, and documentation of software. Programming proficiency in C as well as a background in data structures, file handling, and basic flowcharting are necessary prerequisites.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CPS310 Minimum Grade of C-

May not be repeated for credit

**CPS393. Computer Science Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CPS396. Departmental Elective. 0 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CPS399. Modular Course. 0 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CPS415. Discrete and Continuous Computer Algorithms. 3 Credits.**

A sequel to MAT320 (Discrete Mathematics for Computing). Techniques for algorithm design, including divide-and-conquer, greedy algorithms, dynamic programming, basic probability and statistics and hypothesis testing and introduced as needed, pseudorandom number generation, and matrix manipulation. Mathematica coding is used to illustrate each topic.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT320 Minimum Grade of C-

May not be repeated for credit

**CPS425. Language Processing. 4 Credits.**

The theory and practice of language processing: finite state machines, context-free grammars, push-down machines, Turing machines, lexical analysis, top-down and bottom up parsing, and parser generators.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CPS310 Minimum Grade of C-
- CPS330 Minimum Grade of C-

May not be repeated for credit

**CPS440. Database Principles. 3 Credits.**

Study of the logical and physical organization of large databases; database system programming.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CPS310 Minimum Grade of C-

May not be repeated for credit

**CPS441. Database Projects. 4 Credits.**

Transaction processing through stored procedures, stored procedures vs triggers, physical database design and index construction, database logical and physical security issues, SQL injections, databases, XML and the web, group project work.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CPS440 Minimum Grade of C-

May not be repeated for credit

**CPS460. Computer Architecture. 3 Credits.**

Data representation, memory organization, input/output processing, stack computers, parallel computers, pipeline architecture, microprogramming.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CPS 325 Minimum Grade of C-
- EGE 230 Minimum Grade of C-

May not be repeated for credit

**CPS470. Computer Communication Networks. 3 Credits.**

Network architecture, data flow control, transmission control, path control, recovery, routing techniques.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**CPS471. Computer Communication Networks II. 4 Credits.**

Topics selected from: Advanced routing in IP networks including OSPF and BGP, network security, wireless and sensor networks, mobile ad hoc networks, peer-to-peer networks.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CPS470 Minimum Grade of C-

May not be repeated for credit

**CPS485. Projects. 4 Credits.**

Engage in computer projects to solve real-world problems. The projects will utilize new technologies and will integrate previously learned knowledge and skills. Students will give oral presentations and write reports concerning their projects. Options for projects include internships, local (campus-based) projects and course-based projects.

**Attributes:**

- Creative Works
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior

**Prerequisites:**

- CPS493 Minimum Grade of C- or CPS470 Minimum Grade of C- or CPS440 Minimum Grade of C-

May be repeated for credit

**CPS493. Computer Science Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CPS494. Fieldwork Comp Science. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**CPS495. Indep Study Comp Science. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Deaf Studies (DFS)****DFS494. Deaf Studies Fieldwork. 1-12 Credits.**

Fieldwork provides the student an enriching educational experience in the field of Deaf Studies and the opportunity to apply concepts from Deaf Studies coursework. Students independently arrange the fieldwork with a faculty sponsor and a site supervisor. A fieldwork form needs to be submitted and approved before a student can register. Credits are determined by the scope of the fieldwork experience.

May not be repeated for credit

## Digital Design and Fabrication (DDF)

### DDF205. Computer Aided Design I. 3 Credits.

Introduces 3D computer aided design and drawing, rapid manufacturing. Students become acquainted with the virtual spaces of CAD software and NURBS geometry with the intent to output tangible objects through 3D printing. COURSE FEE.

#### Restrictions:

- Must have the following level: Undergraduate

#### Prerequisites:

- Math Placement Level Minimum Score of 3 or MAT 153 Minimum Grade of C or MAT053 Minimum Grade of C

May be repeated for credit

### DDF210. Computer Aided Design II. 3 Credits.

This course furthers knowledge learned from DDF205, developing as advanced understanding of NURBS surfacing along with introducing organic modeling and mesh sculpting. Further application of 3D visualization technologies and advanced manufacturing will be emphasized. COURSE FEE.

#### Restrictions:

- Must have the following level: Undergraduate

#### Prerequisites:

- DDF205 Minimum Grade of C or ARS 337 Minimum Grade of C

May not be repeated for credit

### DDF220. Introduction to Computation for Media. 3 Credits.

This course focuses on fundamental concepts of programming (variables, conditional, iteration, functions, and objects) and then uses these concepts to create animations, graphics, sound and 3D-models. It also touches on more advanced techniques such as image processing, computer vision, data parsing and 3D graphics. COURSE FEE.

#### Restrictions:

- Must have the following level: Undergraduate

#### Prerequisites:

- DDF205 Minimum Grade of C
- DDF210 Minimum Grade of C

May not be repeated for credit

### DDF293. Dgtl Dsgn & Fab Selected Topic. 0 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

### DDF305. Advanced 3D Printing. 3 Credits.

This course takes students through preparing and printing files on professional level 3D printers. Students will develop the hands on technical skills needed to operate and maintain a variety of industrial grade printers in the work force. They will use critical thinking skills to identify the material, method and machine best suited for a particular application. Students will have an opportunity at the end of the course to take an exam to receive Stratasys 3D printing certification.

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Digital Design and Fabrication (DDF)

#### Prerequisites:

- DDF205 Minimum Grade of C
- DDF210 Minimum Grade of C

May not be repeated for credit

### DDF310. Introduction to Designing with Microprocessors. 3 Credits.

This course introduces students to the integration of mechanical, electrical, and computer technologies into the design of computer controlled electro-mechanical systems. Students will learn the basics of component creation and part selection for practical use. Programming and interfacing an industry standard microcontroller will provide the intelligence needed to sense, control, actuate, and communicate. Emphasis will be placed on the use of additive manufacturing (3D Printing) as the output platform.

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Digital Design and Fabrication (DDF)

#### Prerequisites:

- DDF205 Minimum Grade of C
- DDF210 Minimum Grade of C
- DDF220 Minimum Grade of C
- DDF305 Minimum Grade of C

May not be repeated for credit

### DDF320. Design Intents. 3 Credits.

This course introduces collaborative team research and interdisciplinary practices that approach real world challenges. Tenets of design practices include being human-centeredness, prototype-driven, and mindful of process. Topics include design processes/innovation methodologies, need finding, human factors, visualization, rapid prototyping, team dynamics, storytelling, and project leadership. COURSE FEE.

#### Restrictions:

- Must not be enrolled in the following class: Freshman

#### Prerequisites:

- DDF205 Minimum Grade of C
- DDF210 Minimum Grade of C
- DDF310 Minimum Grade of C

May not be repeated for credit



**DDF393. Dgtl Dsgn & Fab Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**DDF495. Indep Study Digital Design Fab. 1-12 Credits.**

May be repeated for credit

## Digital Humanities (DHM)

**DHM293. Digital HUM Selected Topic. 1-12 Credits.**

May be repeated for credit

## Digital Media and Journalism (DMJ)

**DMJ101. Media and Society. 3 Credits.**

Introduction to the history, content, economics, regulation and effects of the major American mass media (books, newspapers, magazines, film, radio, sound recordings and television) and new media, including the Internet.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**DMJ203. Radio-Television Performance. 3 Credits.**

Theory and practice of performance using the technology of radio and television, including announcing, interviewing, newscasting, and discussion.

**Attributes:**

- Creative Works
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**DMJ205. Introduction to Media Criticism. 3 Credits.**

Various introductory approaches to studying the media from critical and theoretical perspectives. We will study different ways of seeing, reading, speaking, writing and viewing content distributed via film, television, and the web.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**DMJ210. Investigating the News. 3 Credits.**

Students will learn to explain the philosophical and historical foundations of the First Amendment, identify the genres of American Journalism and the different purposes, contrast the American media system with others from around the globe, and critique the current state of the journalism profession and its part in the American cultural fabric.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**DMJ211. Media Theory. 3 Credits.**

An immersion in media theory and criticism that aims to give each students a new, critical view of their information worlds. Key theories and techniques of media criticism to be explored include social scientific approaches, theories of news, semiotics, psychoanalysis, cultural studies, political economy, and sociological approaches.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- DMJ101 Minimum Grade of D-

May not be repeated for credit

**DMJ215. Digital Storytelling. 4 Credits.**

Beginning level, overview course of media creation through videography, audio recording, and multi-media production for the web. The topics covered include media industry perspectives, entertainment journalism, and aesthetics for digital media.

**Attributes:**

- Field Study
- Creative Works
- Research
- Information Mgmt Intro

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Audio Engineering (AEN)
  - Digital Media Management (552)
  - Digital Media Production (551)
  - Film and Video Studies (FVS)
  - Journalism (523)
  - Media Management (506M)
  - Radio TV Production (506R)

May not be repeated for credit

**DMJ221. Introduction to Advertising. 3 Credits.**

Principles, practices, and theories of modern advertising communication ranging from planning and execution to research and social effects.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- DMJ101 Minimum Grade of C-

May not be repeated for credit

**DMJ224. Media Industries. 3 Credits.**

Principles, functions, and elements of media industries. Emphasis on broadcast, cable, film, radio, and digital media. Analysis of traditional business models and emerging programming and distribution models; law and regulation; marketing communications; audience research.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Digital Media Management (552)
  - Digital Media Production (551)
  - Film and Video Studies (FVS)
  - Public Relations (505R)
  - Public Relations (523P)
  - Undeclared: Pre-Comm/Media (00CM)

**Prerequisites:**

- DMJ101 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

**DMJ230. Journalism 1. 4 Credits.**

An introduction to the evaluation, gathering, and writing of multimedia news. Students write both "hard" or "breaking" new stories and feature or human interest stories for print and the Web. Basic techniques in writing and reporting for print and digital media are covered.

**Attributes:**

- Field Study
- Research
- Information Mgmt Intro
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG 002 Minimum Grade of TC- or ENG206 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG207 Minimum Grade of C-

May not be repeated for credit

**DMJ293. Digital Media/Journalism Selected Topics. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**DMJ295. Independent Study Digital Media/Journalism. 1-12 Credits.**

May be repeated for credit

**DMJ300. Photojournalism. 3 Credits.**

Designed for the student who wants to develop the discipline and skills required for effective photojournalism. Individual photography assignments and projects will be coupled with discussions and critiques.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**DMJ305. Being Digital. 3 Credits.**

Explores the ramifications of the spread of digital media for cognitive development, identity formation, political and cultural processes, and the professions. Students will leave the course with a deeper understanding of the effects of technology in personal, professional, and community life.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**DMJ310. Media and Diversity. 3 Credits.**

Examines historical and contemporary representations of gender, race, class, and sexuality in mass media in order to interpret, evaluate, and contest these meanings. Students investigate how the structure and economic imperatives of the mass media industries influence representations of diversity and consider possibilities for reformation and intervention.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Digital Media Management (552)
  - Digital Media Production (551)
  - Film and Video Studies (FVS)
  - Journalism (523)
  - Journalism (JRN)

**Prerequisites:**

- DMJ101 Minimum Grade of D-

May not be repeated for credit

**DMJ313. Public Affairs Reporting. 3 Credits.**

A course to develop the skills of newspaper reporting on government, on local, county, and state levels. Provides the opportunity to observe and report on legislative bodies and committees, school boards, police, and the court system.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Journalism (523)
  - Journalism (JRN)

**Prerequisites:**

- DMJ230 Minimum Grade of C-

May not be repeated for credit

**DMJ314. Feature Writing. 4 Credits.**

Feature Writing focuses on the art of writing original non-fiction, reported articles for newspapers, magazines and digital publications.

**Attributes:**

- Field Study
- Research
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG 002 Minimum Grade of TC- or ENG206 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG207 Minimum Grade of C-

May not be repeated for credit

**DMJ319. Writing for Digital Media. 3 Credits.**

Theory and practice in copywriting, electronic journalism, and drama for TV, film, and the web. Includes commercials, program promotions, screenplay, television series writing, and viral marketing campaigns.

**Attributes:**

- Creative Works
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Digital Media Management (552)
  - Digital Media Production (551)
  - Film and Video Studies (FVS)
  - Journalism (523)
  - Public Relations (505R)
  - Public Relations (523P)

**Prerequisites:**

- DMJ101 Minimum Grade of C-
- ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**DMJ320. Audio Production. 4 Credits.**

Lecture and practical application of techniques and procedures in audio production for radio and audio for video, including recording formats, audio consoles, microphones, and digital sound editing.

**Attributes:**

- Field Study
- Information Mgmt Intrmd

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Audio Engineering (AEN)
  - Digital Media Management (552)
  - Digital Media Production (551)

**Prerequisites:**

- DMJ101 Minimum Grade of C-
- DMJ215 Minimum Grade of C-

May not be repeated for credit

**DMJ321. Milestones in Documentary. 3 Credits.**

A critical and aesthetic reading of key documentaries, and their role of inquiry and expression. The cultural contexts of each documentary, and what the documentary can tell us about the social issues of the period, will be examined through critical theory.

**Attributes:**

- Critical Thinking Intermediate
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**DMJ323. Digital Media Content and Technology. 3 Credits.**

Theories, historical contexts, and current practices of information and communication technologies including the Web and social media; critical understanding of the cultural impact of these media; development and distribution of digital content.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Digital Media Management (552)

**Prerequisites:**

- DMJ224 Minimum Grade of C-
- DMJ101 Minimum Grade of C-

May not be repeated for credit

**DMJ328. Arts Writing. 3 Credits.**

By reading the works of arts critics, experiencing arts performances, and writing reviews and features, students will develop the skills for critiquing, reporting, profiling and analyzing the arts - including music, fine art, theater, and dance.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- DMJ230 Minimum Grade of C-

May not be repeated for credit

**DMJ331. History of American TV. 3 Credits.**

Focuses on the political, economic, social and cultural forces that influenced the evolution and development of American television, as well as contemporary trends and issues.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- DMJ101 Minimum Grade of C-

May not be repeated for credit

**DMJ332. Journalism II. 4 Credits.**

Advanced reporting course in gathering and writing the news for multimedia. Specialized types of reporting are covered, including coverage of speeches, press conferences and meetings; police and court events; human and social services; government bureaucracies and the environment.

**Attributes:**

- Field Study
- Research
- Information Mgmt Intrmd
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Communication Studies (505)
  - Journalism (523)
  - Journalism (JRN)

**Prerequisites:**

- DMJ230 Minimum Grade of C-

May not be repeated for credit

**DMJ333. Podcasting. 3 Credits.**

Focus will be on developing skills for audio storytelling, including writing, field recording, interviewing, audio production and editing, and production and distribution of a podcast.

**Attributes:**

- Field Study
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Audio Engineering (AEN)
  - Digital Media Production (551)
  - Journalism (523)

May not be repeated for credit

**DMJ334. The Literature of Journalism. 3 Credits.**

An inquiry into the link between literary and journalistic forms of writing, especially in the twentieth century.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- DMJ230 Minimum Grade of C-

May not be repeated for credit

**DMJ340. TV Studio Production. 4 Credits.**

Creative approaches and techniques of television production, emphasizing studio lighting, camera movement, directing and technical directing. Analysis, discussion, and practice in aesthetics and content quality. May be taken under special circumstances without the prerequisite, but with the permission of the instructor.

**Attributes:**

- Creative Works
- Information Mgmt Intrmd

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Digital Media Production (551)

**Prerequisites:**

- DMJ319 Minimum Grade of C-
- DMJ215 Minimum Grade of C-

May not be repeated for credit

**DMJ343. Media Criticism and Aesthetics. 3 Credits.**

Analysis of major critical media theories including media aesthetics.

**Attributes:**

- Critical Thinking Intermediate
- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**DMJ347. Media Ethics. 4 Credits.**

Examines the broad range of ethical dilemmas faced by journalists in gathering and writing the news. Topics include conflicts of interest, business pressures, reporter-source relationships, invasion of privacy, and objectivity. Uses case-study approach.

**Attributes:**

- Critical Thinking Intermediate
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Communication (CMM)
  - Digital Media Management (552)
  - Digital Media Production (551)
  - Journalism (523)
  - Journalism (JRN)
  - Public Relations (505R)

May not be repeated for credit

**DMJ350. Media Research Methods. 4 Credits.**

Theory, design, and analysis of research in mass media. Includes coverage of surveys, ratings, statistics, reporting, and computer usage.

**Attributes:**

- Research
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Communication Studies (505)
  - Digital Media Management (552)
  - Digital Media Production (551)
  - Journalism (523)

**Prerequisites:**

- DMJ224 Minimum Grade of C-

May not be repeated for credit

**DMJ373. Reel Women: Women in Film. 3 Credits.**

This course explores the advancements made by women in contemporary film history. By integrating feminist approaches to the study of film, students analyze the discourses of femininity in contemporary films and look at the ways in which Hollywood films engage with critical debates about femininity. Students will examine how gender roles are portrayed in contemporary U.S. cinema and study how images, stories, and icons in popular film respond to participate in the social construction of womanhood and femininity.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- DMJ101 Minimum Grade of D-

May not be repeated for credit

**DMJ388. Introduction to Digital Animation and Visual Effects. 3 Credits.**

Students focus on the craft and artistry of digital animation, motion graphics, digital compositing, and basic visual effects using the Adobe Creative Cloud platform, After Effects in particular. Integration with non-linear editing platforms and full post-production workflows are explored during the creation of work for the class.

**Attributes:**

- Creative Works

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- DMJ340 Minimum Grade of C-

May not be repeated for credit



**DMJ390. 90 Minutes to Die: Film Noir. 4 Credits.**

Investigate the rise of noir films in Hollywood, while also looking at how these films continue to influence present films, television and VOD programs. The focus will be on the story, aesthetics, and darkness present in the genre, which continues to investigate storytelling's dark spaces.

**Attributes:**

- Critical Thinking Intermediate
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Digital Media Management (552)
  - Digital Media Production (551)
  - Film and Video Studies (FVS)
  - Journalism (523)

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**DMJ391. Screenwriting. 3 Credits.**

Essential steps for creating screenplays for film and television. Visual thinking, critical analysis, character, plot, structure, dialogue, and rewriting to create treatments and scripts.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**DMJ393. Digital Media/Journalism Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**DMJ399. Modular Course. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**DMJ431. Advertising Sales. 3 Credits.**

Theory, research, and practice of media advertising sales and promotion. Analysis and development of sales presentations and electronic media marketing campaigns. Special attention to marketing research, ratings, and circulation.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Communication Studies (505)
  - Journalism (523)

**Prerequisites:**

- DMJ221 Minimum Grade of C-

May not be repeated for credit

**DMJ432. Media and Popular Culture. 4 Credits.**

Survey of research, concepts and problems associated with media and popular culture consumption.

**Attributes:**

- Research
- Critical Thinking Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG 002 Minimum Grade of TC- or ENG206 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG207 Minimum Grade of C-
- DMJ101 Minimum Grade of C-

May not be repeated for credit

**DMJ434. Global Media. 3 Credits.**

An examination of the media systems of other countries, with special emphasis on the effects geo-political and cultural forces have on the development of specific mass communication channels throughout the world.

**Attributes:**

- Critical Thinking Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- DMJ101 Minimum Grade of C-

May not be repeated for credit

**DMJ440. Field Production. 4 Credits.**

Creative and technical approaches in field production for digital video and post-production editing. Includes discussion and practice of preproduction planning for location work, technology and use of equipment, production aesthetics, and related business/legal considerations.

**Attributes:**

- Field Study
- Creative Works
- Research

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Digital Media Production (551)

**Prerequisites:**

- DMJ319 Minimum Grade of C-
- DMJ320 Minimum Grade of C-
- DMJ340 Minimum Grade of C-

May not be repeated for credit

**DMJ444. Seminar in Media Studies. 4 Credits.**

The goal of the Seminar in Media Studies is to begin building a link between an individual student's coursework in the field of media studies and that student's post-graduate plans, whether in a graduate program, as a media industry professional, as a freelance or full-time creative employee, or something else entirely. Students will choose one of three semester long options for the Capstone seminar: a scholarly research paper, a professional client-based project, or a creative project.

**Attributes:**

- Entrepreneurship
- Creative Works
- Research

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Digital Media Management (552)

**Prerequisites:**

- DMJ350 Minimum Grade of C-

May not be repeated for credit

**DMJ445. Seminar in Digital Filmmaking. 4 Credits.**

Emphasis on documentary and short narrative film creation for capstone experience.

**Attributes:**

- Field Study
- Creative Works
- Research
- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Digital Media Production (551)

**Prerequisites:**

- DMJ440 Minimum Grade of C-

May not be repeated for credit

**DMJ452. Mass Media Law. 3 Credits.**

Designed to introduce issues relating to the free speech guarantees of the First Amendment to the Constitution. It focuses on interpretations of the First Amendment, functions of free speech in a democracy, and Supreme Court decisions relating to regulation of print and electronic media.

**Attributes:**

- Critical Thinking Intermediate
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**DMJ453. Multimedia Editing and Publishing: The Little Rebellion. 4 Credits.**

Multimedia Editing & Publishing will train you in editing and e-publishing. Skills include macro editing, micro editing, and online publishing. You will learn to edit copy errors using AP style; collaborate with editors and writers; and produce editorial content for the web, using basic design principles, new media tools, and digital storytelling techniques.

**Attributes:**

- Practicum - Non-Clinical
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Journalism (523)
  - Journalism (JRN)

**Prerequisites:**

- DMJ215 Minimum Grade of C-
- DMJ332 Minimum Grade of C-

May not be repeated for credit

**DMJ458. Capstone Seminar in Multimedia Reporting. 4 Credits.**

The Capstone Seminar in Multimedia Reporting will first focus on developing the freelance reporting skills necessary in a changing journalism landscape: developing ideas, pitching stories to publications, and working independently as a reporter. Students will then use these skills to develop and execute an independent, in-depth, long-form reporting project featuring a blend of print, multimedia, data visualization, and other elements, displayed on a digital platform.

**Attributes:**

- Field Study
- Entrepreneurship
- Creative Works
- Research
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Journalism (523)

**Prerequisites:**

- DMJ215 Minimum Grade of C- and DMJ332 Minimum Grade of C-

May not be repeated for credit

**DMJ461. Legislative Gazette. 1-12 Credits.**

Students work as reporters with the Legislative Gazette, an online newspaper published in Albany that covers the state legislature and state government. It operates in both fall and spring semesters.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Digital Media Management (552)
  - Digital Media Production (551)
  - Journalism (523)
  - Journalism (JRN)
  - Political Science (533)

**Prerequisites:**

- DMJ491 Minimum Grade of C-\* or POL485 Minimum Grade of C-\*

\* May be taken at the same time

May be repeated for credit

**DMJ470. Ottaway Seminar. 1-4 Credits.**

Nationally known visiting journalists use their expertise and experience to teach students about the problems and issues that face reporters and the press. Professors have included foreign correspondents, literary journalists, and high-ranking editors.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Journalism (523)

May be repeated for credit

**DMJ475. Picture Culture. 4 Credits.**

Examines the roles that still photography plays in print and broadcast news and in social media; qualities intrinsic to the photograph; how the mass media makes use of these qualities to position photographs as incontrovertible evidence.

**Attributes:**

- Critical Thinking Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**DMJ490. Internship in Digital Media/Journalism. 1-12 Credits.**

Internship in electronic media, advertising or journalism. Satisfactory/Fail.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Digital Media Management (552)
  - Digital Media Production (551)
  - Journalism (523)
  - Journalism (JRN)

**Prerequisites:**

- DMJ491 Minimum Grade of C-\*

\* May be taken at the same time

May be repeated for credit

**DMJ491. Internship Seminar. 1 Credit.**

The analytical component to internship experience. Students produce daily logs, professional article reviews, and a final project with accompanying analysis. Required corequisite for DMJ internship or Legislative Gazette.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- DMJ490 Minimum Grade of C-\* or DMJ461 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**DMJ493. Digital Media/Journalism Selected Topics. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**DMJ494. Fieldwork Digital Media/Journalism. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior

May be repeated for credit

**DMJ495. Indep Study Digital Media/Journalism. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**DMJ499. Digital Media/Journalism Modular Course. 1-12 Credits.****Attributes:**

- Service Learning
- Field Study
- Practicum - Non-Clinical

May be repeated for credit

**Disaster Studies (DIS)****DIS333. Disaster Psychology. 3 Credits.**

Study of the psychological impact of disaster and trauma, including acute and post traumatic stress reactions. Immediate and long-term interventions, vicarious traumatization, and self care are examined.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Disaster Studies (DIS)
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**DIS492. Practicum in Disaster Response. 3 Credits.**

Supervised experience working in an applied setting related to disaster response and recovery. Repeatable once; each time taken, it contributes to the maximum 15 total credits allowed in practicum, fieldwork and independent study.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Disaster Studies (DIS)
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- DIS333 Minimum Grade of D- or PSY 456 Minimum Grade of D-

May not be repeated for credit

**Early Childhood/Childhood Educ (EED)****EED293. Elementary Education Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**EED295. Independent Study Elementary Education. 0 Credits.**

May be repeated for credit

**EED299. Modular Course. 0 Credits.**

May not be repeated for credit

**EED301. Fieldwork I (Pre-K-2). 1 Credit.**

Fieldwork focused on developmentally appropriate practices and teaching reading in grades pre K-2, including managing the physical classroom environment, evaluating the literacy environment, conducting a successful read aloud, and analyzing developmentally appropriate practices. 40 hours. COURSE FEE FOR WATERMARK.

**Attributes:**

- Field Study

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Early Childhood & Chld Ed B-6 (601)
  - Early Childhood Studies (602)

**Prerequisites:**

- EED415 Minimum Grade of B-
- EED370 Minimum Grade of B-

**Corequisites:**

- EED375

May not be repeated for credit

**EED302. Fieldwork 2 (Math, Science & Technology Fieldwork). 1 Credit.**

Fieldwork focused on mathematics, science and technology for children in grades 1-6 with an emphasis on inquiry-based instructional models and educational games. 20 hours.

**Attributes:**

- Field Study

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

**Prerequisites:**

- EED301 Minimum Grade of S
- EED371 Minimum Grade of B-
- EED375 Minimum Grade of B-

**Corequisites:**

- EED380

May not be repeated for credit

**EED303. Fieldwork Experience 3. 1 Credit.**

Teacher candidates complete a minimum of 60 hours participating in elementary classrooms (grades 3 - 6) as they take on the role of observer, assistant, and teacher for one-on-one, small group, and whole class instruction.

**Attributes:**

- Field Study

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

**Prerequisites:**

- EED302 Minimum Grade of S
- EED380 Minimum Grade of B-

**Corequisites:**

- EED376
- EED379

May not be repeated for credit

**EED322. Play: The Roots of Learning for Young Children. 3 Credits.**

Students will explore the complex issues of play, its role and value in early childhood education from both theoretical and practical perspectives, with a focus upon early learning and development. Students will be required to identify and obtain permission to complete 5 hours of field observations at appropriate sites approved by the instructor.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

**Prerequisites:**

- EED411 Minimum Grade of B-
- EED391 Minimum Grade of S

**Corequisites:**

- EED412
- EED485

May not be repeated for credit

**EED345. Seminar in Early Childhood Studies. 3 Credits.**

Participants will explore pedagogy, best practices, current issues, and special topics in early childhood education studies.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

**Prerequisites:**

- EED415 Minimum Grade of B-
- EED414 Minimum Grade of B-

May not be repeated for credit

### **EED370. Race, Class, Gender, and Social Justice in Teaching. 3 Credits.**

Introduction to the teaching of children, birth through 6th grade, with a creative exploration of teaching knowledge related to race, class, gender, and social justice. This course includes the examination of diverse experiences in the education system, equity in schooling, the history of the education profession, and professional expectations for teaching in various settings.

#### **Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Ethical Reflection

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Early Childhood & Chld Ed B-6 (601)
  - Early Childhood Studies (602)
  - Undecl: Ed Pre-Art History (00DA)
  - Undecl: Ed Pre-Biology (00DY)
  - Undecl: Ed Pre-Black Studies (00DB)
  - Undecl: Ed Pre-Earth Science (00DT)
  - Undecl: Ed Pre-English (00DE)
  - Undecl: Ed Pre-French (00DF)
  - Undecl: Ed Pre-Geography (00DG)
  - Undecl: Ed Pre-History (00DH)
  - Undecl: Ed Pre-Mathematics (00DM)
  - Undecl: Ed Pre-Political Scienc (00DP)
  - Undecl: Ed Pre-Spanish (00DS)

#### **Prerequisites:**

- EDS371 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

### **EED371. Developmentally Appropriate Practices, Childhood. 3 Credits.**

Participants will consider the cognitive and social development of children, preschool through 6th grade, and the implications for curriculum development, classroom management and organization. Students will develop competence in observing and assessing children's developmental competence and classroom performance by participating in appropriate classroom situations.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

#### **Prerequisites:**

- EDS371 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

### **EED375. Teaching Reading in the Elementary School I. 3 Credits.**

Introduction to emergent literacy in the primary classroom, use of reading procedures, skills, techniques, and materials for instruction in areas such as phonemic awareness, word analysis, and comprehension in reading, writing, listening, speaking and visual literacy.

#### **Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Writing Intensive

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Early Childhood & Chld Ed B-6 (601)
  - Early Childhood Studies (602)

#### **Prerequisites:**

- EED370 Minimum Grade of B-
- EED415 Minimum Grade of B-

#### **Corequisites:**

- EED301

May not be repeated for credit

### **EED376. Teaching Reading/Language Arts in the Elementary School II. 3 Credits.**

Effective methods to promote literacy in the language arts. Emphasis is on the New York state learning standards infused throughout a balanced literacy program designed to meet the needs of diverse learners. Integration across the disciplines is highlighted.

#### **Attributes:**

- Critical Thinking Intermediate

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

#### **Prerequisites:**

- EED380 Minimum Grade of B-
- EED302 Minimum Grade of S

#### **Corequisites:**

- EED303
- EED379

May not be repeated for credit



### EED377. Teaching Mathematics in the Elementary School. 3 Credits.

Procedures and materials for effective teaching of mathematics in early childhood and elementary grades.

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Art History 1-6 (630A)
  - Art History B-2 (599A)
  - Biology 1-6 (630B)
  - Biology B-2 (599B)
  - Black Studies 1-6 (630L)
  - Black Studies B-2 (599L)
  - Childhood Education 1-6 (630)
  - Childhood Education B-2 (599)
  - Earth Science 1-6 (630R)
  - Earth Science B-2 (599R)
  - English 1-6 (630E)
  - English B-2 (599E)
  - French 1-6 (630F)
  - French B-2 (599F)
  - Geography 1-6 (630G)
  - Geography B-2 (599G)
  - Mathematics 1-6 (630M)
  - Mathematics B-2 (599M)
  - Political Science 1-6 (630P)
  - Political Science B-2 (599P)
  - Social Studies - History B-2 (599H)
  - Social Studies-History 1-6 (630H)
  - Spanish 1-6 (630S)
  - Spanish B-6 (599S)

#### Prerequisites:

- MAT140 Minimum Grade of C-
- MAT240 Minimum Grade of C-
- EED375 Minimum Grade of B-

May not be repeated for credit

### EED378. Teaching Science in the Elementary School. 3 Credits.

Procedures and materials for effective teaching of science in early childhood and elementary grades.

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Art History 1-6 (630A)
  - Art History B-2 (599A)
  - Biology 1-6 (630B)
  - Biology B-2 (599B)
  - Black Studies 1-6 (630L)
  - Black Studies B-2 (599L)
  - Childhood Education 1-6 (630)
  - Childhood Education B-2 (599)
  - Earth Science 1-6 (630R)
  - Earth Science B-2 (599R)
  - English 1-6 (630E)
  - English B-2 (599E)
  - French 1-6 (630F)
  - French B-2 (599F)
  - Geography 1-6 (630G)
  - Geography B-2 (599G)
  - Mathematics 1-6 (630M)
  - Mathematics B-2 (599M)
  - Political Science 1-6 (630P)
  - Political Science B-2 (599P)
  - Social Studies - History B-2 (599H)
  - Social Studies-History 1-6 (630H)
  - Spanish 1-6 (630S)
  - Spanish B-6 (599S)

#### Prerequisites:

- EED375 Minimum Grade of B-
- EED301 Minimum Grade of S

May not be repeated for credit

### **EED379. Teaching Social Studies in the Elementary School. 3 Credits.**

Procedures and materials for effectively integrating teaching of social studies in early childhood and upper elementary grades.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

#### **Prerequisites:**

- EED380 Minimum Grade of B-
- EED302 Minimum Grade of S

#### **Corequisites:**

- EED303
- EED376

May not be repeated for credit

### **EED380. Teaching Mathematics, Science and Technology in Elementary School. 6 Credits.**

In this course students will learn about principles and methods regarding the teaching of mathematics, science, and technology in elementary school. Special emphasis is given to the New York State Learning Standards for Mathematics, Science, and Technology and the connectedness of these disciplines.

#### **Attributes:**

- Information Mgmt Intrmd

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

#### **Prerequisites:**

- EED375 Minimum Grade of B-
- EED301 Minimum Grade of S

#### **Corequisites:**

- EED302

May not be repeated for credit

### **EED381. Teaching English Language Arts and Social Studies in Elementary School. 6 Credits.**

Focuses on assessment techniques, curriculum development and instruction based on Learning Standards in English Language Arts and Social Studies in Elementary School. Special emphasis on reading and writing in the content area of social studies for upper elementary students. (Field Experience - 20 hours)

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Childhood Education 1-6 (630)
  - Childhood Education B-2 (599)

#### **Prerequisites:**

- EED375 Minimum Grade of B-

May not be repeated for credit

### **EED391. Field Experience Infants and Toddlers. 1 Credit.**

Field experience focused on infant and toddler observations with an emphasis on development, learning and parental involvement.

#### **Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

#### **Prerequisites:**

- EED415 Minimum Grade of B-
- EED370 Minimum Grade of B-

#### **Corequisites:**

- EED411

May not be repeated for credit

### **EED393. Elementary Education Selected Topic. 12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Art History 1-6 (630A)
  - Art History B-2 (599A)
  - Biology 1-6 (630B)
  - Biology B-2 (599B)
  - Black Studies 1-6 (630L)
  - Black Studies B-2 (599L)
  - Childhood Education 1-6 (630)
  - Childhood Education B-2 (599)
  - Earth Science 1-6 (630R)
  - Earth Science B-2 (599R)
  - English 1-6 (630E)
  - English B-2 (599E)
  - French 1-6 (630F)
  - French B-2 (599F)
  - Geography 1-6 (630G)
  - Geography B-2 (599G)
  - Mathematics 1-6 (630M)
  - Mathematics B-2 (599M)
  - Political Science 1-6 (630P)
  - Political Science B-2 (599P)
  - Social Studies - History B-2 (599H)
  - Social Studies-History 1-6 (630H)
  - Spanish 1-6 (630S)
  - Spanish B-6 (599S)

May be repeated for credit

### **EED399. Modular Course. 0 Credits.**

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

May be repeated for credit

### **EED404. Student Teaching, Primary Setting. 6 Credits.**

A full-time experience in the major area of teacher responsibility in a primary setting.

#### **Attributes:**

- Practicum - Non-Clinical

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

#### **Prerequisites:**

- EED303 Minimum Grade of S
- EED376 Minimum Grade of B-
- EED379 Minimum Grade of B-

May not be repeated for credit

### **EED405. Student Teaching, Intermediate Setting. 6 Credits.**

A full-time experience in the major area of teacher responsibility in grades three through six.

#### **Attributes:**

- Practicum - Non-Clinical

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

#### **Prerequisites:**

- EED303 Minimum Grade of S
- EED376 Minimum Grade of B-
- EED379 Minimum Grade of B-

May not be repeated for credit

### **EED406. Student Teaching Seminar. 1 Credit.**

Candidates explore and respond to issues in student teaching including: standards-based instructional practice; assessment and evaluation; critical reflection; classroom management; school-community relations; ethics and law; and post-commencement professional transitions.

#### **Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

#### **Corequisites:**

- EED404
- EED405

May not be repeated for credit

**EED411. Infant and Toddler Curriculum. 3 Credits.**

Study of children prenatal through age two. Investigation of child development principles to promote physical, intellectual, social, and emotional development and competence in the child. Strategies to establish and maintain safe, healthy learning environments and purposeful and responsive programs for very young children and their families. Guidelines for having positive and productive relationships with families, and for maintaining a commitment to professionalism.

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

**Prerequisites:**

- EED370 Minimum Grade of B-
- EDS371 Minimum Grade of C

**Corequisites:**

- EED391

May not be repeated for credit

**EED412. Preschool and Kindergarten Curriculum. 3 Credits.**

Preparation for working with preschool/kindergarten children and their families. Child development principles and they apply to children of this age group. Curriculum investigation of age appropriate strategies in the following areas: the arts, health/physical development, social-emotional learning, mathematics, science, technology and social studies. 20 hours of fieldwork in a preschool required.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Early Childhood & Chld Ed B-6 (601)
  - Early Childhood Studies (602)
  - Undecl: Ed Pre-Mathematics (00DM)

**Prerequisites:**

- EED371 Minimum Grade of B-\* or EED414 Minimum Grade of B-\*
- EED415 Minimum Grade of B-\*

\* May be taken at the same time

May not be repeated for credit

**EED413. Curriculum III: First and Second Grades. 3 Credits.**

Preparation for working with first and second graders and their families. Curriculum investigation of age appropriate strategies in the arts, health/physical development, mathematics, science and technology, and social studies.

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

**Prerequisites:**

- EED414 Minimum Grade of B-
- EED415 Minimum Grade of B-

May not be repeated for credit

**EED414. Developmentally Appropriate Practices for Children Birth-Second Grade. 3 Credits.**

Students will consider the cognitive and social development of children, birth through second grade, and the implications for child development, curriculum planning, environmental organization and management. Students will develop competence in observing and assessing children's development and environmental performance by participating in appropriate settings. (Field Experience - 20 hours)

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

**Prerequisites:**

- EED370 Minimum Grade of B-

May not be repeated for credit

**EED415. The Development of Symbolic Representation, Language, and Literacy. 3 Credits.**

Exploration of the interaction between symbolic development, language, and literacy acquisition in children birth through five years of age. Development of strategies to encourage language and literacy in very young children.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Early Childhood & Chld Ed B-6 (601)
  - Early Childhood Studies (602)
  - Undecl: Ed Pre-Art History (00DA)
  - Undecl: Ed Pre-Biology (00DY)
  - Undecl: Ed Pre-Black Studies (00DB)
  - Undecl: Ed Pre-Earth Science (00DT)
  - Undecl: Ed Pre-French (00DF)
  - Undecl: Ed Pre-Geography (00DG)
  - Undecl: Ed Pre-History (00DH)
  - Undecl: Ed Pre-Mathematics (00DM)
  - Undecl: Ed Pre-Political Scienc (00DP)
  - Undecl: Ed Pre-Spanish (00DS)

**Prerequisites:**

- EDS371 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

**EED485. Field Experience Preschool and Kindergarten. 1 Credit.**

Field experience focused upon Preschool and Kindergarten observations with an emphasis on developmentally appropriate practices, curriculum development, authentic assessment and hands-on interactions with children and families.

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

**Prerequisites:**

- EED391 Minimum Grade of S

**Corequisites:**

- EED412

May not be repeated for credit

**EED492. Research in Early Childhood Studies. 3 Credits.**

An investigation of the relationship between the development, social relationships and learning environments experienced by young children. Students will explore these relationships in areas such as the family, peer relationships, creativity, curiosity, developmental delays, and within diverse environments while engaging in a relevant research project with the support and approval of the supervisor. Field experience of 20 hours is required.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

**Prerequisites:**

- EED322 Minimum Grade of B-
- EED345 Minimum Grade of B-

May be repeated for credit

**EED493. Elementary Education Selected Topic. 12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Childhood Education 1-6 (630)
  - Childhood Education B-2 (599)
  - Early Childhood & Chld Ed B-6 (601)

May be repeated for credit

**EED495. Indep Study Elementary Education. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Childhood Education 1-6 (630)
  - Childhood Education B-2 (599)
  - Early Childhood & Chld Ed B-6 (601)
  - Early Childhood Studies (602)

May be repeated for credit

**Economics (ECO)****ECO100. American Economic Development. 3 Credits.**

An exploration of the economic development of the United States from the colonial period to the rise of industrialization in the 19th and 20th centuries and the current post-industrial era beginning in the 1970s. Globalization and a future with sustainable development is assessed.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts
- Systematic Inquiry
- GE3: USST
- GE4: United States Studies
- GE5: US History Civic Engrmnt

May not be repeated for credit

**ECO101. Feminist Perspectives on Economics. 3 Credits.**

Students learn about our economic system, and basic economic concepts. As a central theme of the course, experiences of women and minority groups are considered. Students will use their daily experience and new insights to assess their economic position.

**Attributes:**

- Critical Thinking Introductory
- Diversity
- GE3: DIVR
- GE5: DEISJ
- Information Literacy (GE3)
- Information Mgmt Intro
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**EC0130. Economics of Globalization. 3 Credits.**

Introduction to the history and institutional development of globalization with a focus on Asia. Arguments and perspectives of important actors in the globalization process are outlined and evaluated on their economic and social merits using both basic economic theoretical concepts and empirical evidence in a historical context.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

**EC0193. Economics Selected Topics. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**EC0206. Principles of Microeconomics. 3 Credits.**

Study of how choices made by households and firms define and affect markets for goods, services and production resources. Analysis of how prices of goods and factors of production are determined in the economy and how government policies affect economic outcomes in allocation of resources.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C- or MAT 151 Minimum Grade of C-

May not be repeated for credit

**EC0207. Principles of Macroeconomics. 3 Credits.**

Study of general economic principles and examination of the performance of the national economy. The goals and problems of high employment, price stability, growth, and the balance of payments are analyzed. Introduction to monetary and banking institutions. Application of monetary and fiscal policy analysis to current domestic and international macroeconomic issues.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT093 Minimum Grade of C- or MAT053 Minimum Grade of D- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

**EC0293. Economics Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**EC0303. Money and Banking. 3 Credits.**

A general study of the nature of money and interest rates. The organization and operations of U.S. financial markets and financial intermediaries. Study of the U.S. financial institutions, and the structure of the Federal Reserve System. Examination of instruments and methods of implementing monetary policy and its effect on both domestic and international economic policy goals. Provides a global perspective by examining monetary policies of other countries.

**Attributes:**

- Research
- Critical Thinking Intermediate
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- EC0206 Minimum Grade of C-
- EC0207 Minimum Grade of C-

May not be repeated for credit



**ECO304. Public Finance. 3 Credits.**

Public sector economics focuses largely on taxing and spending activities of the federal government and their influence on allocation of national resources and distribution of income. Policy perspective and international comparison integrate the economic analysis with the real world. Course projects integrate theory and evidence. The current budget of U.S. is examined in a historical context, focusing on how changes in its specific items reallocate resources.

**Attributes:**

- Research
- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ECO206 Minimum Grade of C-

May not be repeated for credit

**ECO306. Intermediate Microeconomics. 3 Credits.**

Study of rational behavior of consumers and producers and their interactions in the marketplace. Introduction to optimization methods and general equilibrium analysis. Rationale for government intervention in regulation of industries, provision of public goods, taxation and subsidies is analyzed. Empirical parts include data analysis using real-world examples.

**Attributes:**

- Research
- Critical Thinking Intermediate
- Information Mgmt Intro
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ECO206 Minimum Grade of C-

May not be repeated for credit

**ECO307. Intermediate Macroeconomics. 3 Credits.**

Introduction and analysis of the national income and product accounts. Study of the determinants of the level of national income, employment, investments, economic growth, and the price level. Classical, Keynesian, and post- Keynesian explanations of unemployment and inflation. Study of business cycles. Evaluations of monetary and fiscal policy using computer simulations. Analysis of interactions between the U.S. and other world economies.

**Attributes:**

- Research
- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ECO207 Minimum Grade of C-

May not be repeated for credit

**ECO309. Economic Development of Latin America. 3 Credits.**

Contemporary economic problems in Latin America are explored, from colonial times to the present including integration into the world economy. Economic models and theory on growth, trade, exchange rate determination, and macroeconomic stabilization, combined with an analysis of structural characteristics of the region, are used to assess the impact of economic policy on growth and poverty in Latin America.

**Attributes:**

- Research
- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ECO207 Minimum Grade of C-

May not be repeated for credit

### **EC0310. Economic Development of Asia-Pacific. 3 Credits.**

The economic rise of the Asia-Pacific region in the world economy is examined. An overview of the economic history and development strategies that led to the rapid economic growth in China, Japan, India. Economic theories, and growth models, highlight the causes and consequences of rapid growth in the region.

#### **Attributes:**

- Research
- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- ECO207 Minimum Grade of C-

May not be repeated for credit

### **EC0312. Labor Economics and Labor Relations. 3 Credits.**

Study of different theories of wage determination and wage structures. Labor market failures and collective bargaining. Impact of the government regulations on labor-management relations. Development of unions and the practice of collective bargaining. Role of social and institutional constraints in labor markets.

#### **Attributes:**

- Research
- Critical Thinking Intermediate
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- ECO206 Minimum Grade of C-

May not be repeated for credit

### **EC0351. History of Economic Thought. 3 Credits.**

Study of the origins and development of economic theories including pre-classical thinkers. Major schools of thought from the classical political economy of Smith and Ricardo to Marx, the Institutionalists, and to Keynes's modern macroeconomics. Inquiries into the core methodological issues and debates between successive orthodox and heterodox theories.

#### **Attributes:**

- Critical Thinking Intermediate
- Ethical Reflection
- Information Mgmt Intro
- Liberal Arts
- Systematic Inquiry
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Aw

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- ECO206 Minimum Grade of C- or ECO207 Minimum Grade of C-

May not be repeated for credit

### **EC0393. Economics Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

### **EC0401. International Trade and Finance. 3 Credits.**

Problems of economic interaction between sovereign states are analyzed from both theoretical and empirical perspectives. Topics include international trade theory – the gains from trade and the pattern of trade, international trade policy – protectionism and free trade agreements, exchange rate determination and international monetary systems.

#### **Attributes:**

- Research
- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- ECO207 Minimum Grade of C-

May not be repeated for credit

**ECO404. Industrial Organization. 3 Credits.**

An analysis of basic market characteristics that are inherent to the products, or the result of policy manipulation. The number of sellers and their size distribution, product differentiation, advertising and conditions of entry and their relation to profits. Government policies on price fixing, price discrimination, false advertising and other anti-competitive practices. Landmark antitrust cases and current events integrate the real world with theory.

**Attributes:**

- Research
- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ECO206 Minimum Grade of C-

May not be repeated for credit

**ECO405. International Energy Economics. 3 Credits.**

Global and U.S. market forces affecting supply and demand of energy. Current thinking on energy economic, regulations of energy market, oil, gas, electricity, coal, alternative sources of energy and environmental issues. These subjects link actual markets with Economic models of the firm and industry.

**Attributes:**

- Research
- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ECO206 Minimum Grade of C-

May not be repeated for credit

**ECO418. Economics of Development. 3 Credits.**

Analytical and empirical study of socioeconomic problems facing developing countries. Topics include introduction to theoretical foundations of economic development, presentation of measurement methodologies, analysis of key resources required for successful economic development, and empirical case studies.

**Attributes:**

- Research
- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ECO206 Minimum Grade of C-

May not be repeated for credit

**ECO425. Managerial Economics. 3 Credits.**

Students learn how economic forces affect business organizations. They learn to apply economic theory to management decisions. Estimation and forecasting of demand, Firm's cost analysis and output and pricing decisions under various market structures are emphasized.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ECO206 Minimum Grade of C-
- ECO207 Minimum Grade of C-
- BUS309 Minimum Grade of C-

May not be repeated for credit

**ECO430. Monetary Economics. 4 Credits.**

Study of the effects of money on the economy. The nature of money and the role of money supply in determining the price level, and aggregate output in the economy. Examination of whether, or to what extent, the quantity of money demanded is affected by changes in interest rates, and the role of interest rates on the aggregate economic activity.

**Attributes:**

- Research
- Critical Thinking Intermediate
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ECO207 Minimum Grade of C-

May not be repeated for credit

**ECO435. Econometrics. 3 Credits.**

Study of the empirical estimation of economic relationships. The application of statistical methods to economic theory. Application of range of econometric techniques, including various types of regressions, and interpretation of the results.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ECO206 Minimum Grade of C- and ECO207 Minimum Grade of C-
- BUS309 Minimum Grade of C- and BUS311 Minimum Grade of C-

May not be repeated for credit

**ECO450. Senior Seminar in Economics. 3 Credits.**

This capstone course prepares economics majors for either graduate school or a career track. It focuses on developing student's skills in research methods and data analysis, as well as professional writing and oral presentation. Systematic analysis of a selected topic on a current economic issue through guided readings and quantitative analysis to result in a major research paper. Fulfills the writing intensive credit requirement.

**Attributes:**

- Creative Works
- Research
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Economics (540)
  - Economics - ITU (540U)

**Prerequisites:**

- ECO306 Minimum Grade of C-
- ECO307 Minimum Grade of C-
- ECO435 Minimum Grade of C-

May not be repeated for credit

**ECO493. Economics Selected Topics. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ECO494. Fieldwork in Economics. 2-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Economics (540)

May not be repeated for credit

**ECO495. Independent Study in Economics. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Education Interdisciplinary (EDI)****EDI095. Training in Health & Safety Education. 0 Credits.**

This 0-credit online training includes topics mandated by New York State Education Law for teacher candidates. The four video modules provide information on the means for instructing students for the purpose of preventing alcohol, tobacco, and other drug abuse (Education Law section 804); instructing students in fire and arson prevention (Education Law section 808); providing safety education as it pertains to highway safety, traffic regulations, and bicycle safety (Education Law section 806); and instructing students for preventing child abduction (Education Law section 803-a).

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Biology (440)
  - Adolescence Ed: Biology (101A)
  - Adolescence Ed: Chemistry (441)
  - Adolescence Ed: Earth Science (442)
  - Adolescence Ed: English (103A)
  - Adolescence Ed: English (443)
  - Adolescence Ed: French (444)
  - Adolescence Ed: Math (446)
  - Adolescence Ed: Physics (449)
  - Adolescence Ed: Social Studies (109A)
  - Adolescence Ed: Social Studies (445)
  - Adolescence Ed: Spanish (447)
  - Adolescence Ed: Biology (101B)
  - Adolescence Ed: Chemistry (104B)
  - Adolescence Ed: Earth Science (102B)
  - Adolescence Ed: English (103B)
  - Adolescence Ed: French (105B)
  - Adolescence Ed: Mathematics (107B)
  - Adolescence Ed: Social Studies (109B)
  - Adolescence Ed: Spanish (110B)
  - BA/MAT Chemistry (104C)
  - BA/MAT Earth Science (102E)
  - Child Ed 1-6 & Early Child B-2 (020E)
  - Childhood Ed 1-6 (020C)
  - Communication Disorders (090)
  - Early Childhood & Chld Ed B-6 (601)
  - Literacy 5-12 New Paltz Campus (30BN)
  - Literacy 5-12 Rockland Ext (30BR)
  - Literacy 5-12 Second Master's (30BS)
  - Literacy B-6
  - New Paltz Campus (30AN)
  - Literacy B-6
  - Rockland (30AR)
  - Literacy B-6
  - Second Master's (30AS)
  - School Counseling (295)
  - School Leadership (401A)
  - Second Language Education (065)
  - Special Ed: Childhood Ed (060C)
  - Special Ed: Early Childhood Ed (060E)
  - Special Ed: Adolescence Ed. (060G)

**EDI193. EDI Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**EDI233. Education Seminar. 1 Credit.**

Participants will explore pedagogy, best practices, current issues, and special topics in early childhood, childhood and/or adolescence education. This one-credit seminar is strongly encouraged for all first-year education students, but is also open to second-year students interested in a career in education.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Sophomore, Freshman

May be repeated for credit

**EDI293. EdI Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**EDI295. Indep Study Interdisciplinary Ed. 0 Credits.****Attributes:**

- Liberal Arts

May be repeated for credit

**EDI393. EdI Selected Topic. 12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**EDI399. Modular Course. 1 Credit.**

May be repeated for credit

**EDI493. EdI Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**EDI494. Fieldwork In Interdisciplinary Ed. 0 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**EDI495. Indep Study Interdisciplinary Ed. 0 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**EDI499. Modular Course. 1 Credit.**

May be repeated for credit

## Educational Studies (EDS)

**EDS293. Educational Studies Selected Topics. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**EDS295. Independent Study Educational Studies. 12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**EDS299. Modular Course. 1-3 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**EDS330. Urban Education. 3 Credits.**

Examines intersections of cultural, racial, socio-economic realities of urban education. Utilizes structural analyses, emphasizing implications for policy. Analyzes relationships between access, quality, scale and resources. Engages cities as providing unique educational challenges and possibilities.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **EDS340. Sociological and Philosophical Foundations of Education. 3 Credits.**

Explores the social/cultural, philosophical, political, and historical context of schooling in the United States. Issues of social difference in education (such as class, race/ethnicity, gender, language, and ability/ disability) are addressed as well as values as they arise in relationships among schools, teachers, students, and communities, in school policies and practices, and in broader educational reform initiatives. Designed for those seeking certification to teach and for others interested in the study of education as a social practice. (Required for teaching certificate.)

#### **Attributes:**

- Effective Expression/Written
- Liberal Arts
- GE3: USST
- GE4: United States Studies
- GE5: US History Civic Engmnt

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Comm Disorders Post-BA (089)

May not be repeated for credit

### **EDS351. Education of Self. 3 Credits.**

Structured learning experience in which students identify and process their basic concerns of identity, connectedness, and power. Activities help students clarify their behavior patterns and increase their range of choices personally and interpersonally.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior

May not be repeated for credit

### **EDS367. Human Development. 3 Credits.**

This course will study human development from the prenatal period through old age. It explores physical, cognitive, social and emotional development during infancy, childhood, adolescence and adulthood. In addition, we will examine major cultural and psychological theories in Human Development. The course will explore core developmental issues: nature and nurture, universality and diversity in development, and qualitative and quantitative developmental changes in human development across the life span.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **EDS371. Child Psychology and Development. 3 Credits.**

Considers theoretical positions regarding growth, learning and personality development as they relate to the education of children. Examines general characteristics and individual differences of the infant and preschool child and the school-age child up to adolescence. Includes child observation and discussion of such factors as sex, role, ethnic and linguistic differences, handicapping conditions and abuse and neglect. (Required for elementary teaching certificate.)

#### **Attributes:**

- Effective Expression/Oral
- Effective Expression/Written
- Liberal Arts
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Comm Disorders Post-BA (089)

May not be repeated for credit

### **EDS372. Developing Adolescence. 3 Credits.**

Explores the relationship between the physical, emotional, cognitive and social areas of adolescent development. Considers issues of inclusion such as multiculturalism, special needs and gender issues. Designed for prospective teacher and others who may work with adolescents.

#### **Attributes:**

- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Comm Disorders Post-BA (089)

May not be repeated for credit

### **EDS373. Education from a Global Perspective. 3 Credits.**

Introduction to the study of comparative education. Examines the educational process in a variety of countries. Topics include the social context, role of the teacher, goals of education, nature of the curriculum, and organization, control and financing of the system. Designed for those planning careers as teachers and for those interested in the study of education as a social process (EDS340 or EDS373 required for teaching certificate).

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit



**EDS375. Education and Poverty. 3 Credits.**

An interdisciplinary exploration of poverty in the U.S. - its causes, consequences, and relationship to schooling. Emphasis on how poverty affects particular groups of people - mothers and children, migrant farmworkers and other low-wage workers, people in rural areas, people of color, and students. Also, consideration of the public discourse on poverty and how it shapes thought about social and educational reform.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**EDS376. Expressive Arts in Education. 3 Credits.**

This is an experiential course, introducing the practical applications of the expressive arts therapies, including movement, music, paint, clay, journal keeping and drama, and their use in the fields of education and the human services. This course will demonstrate the utilization of the expressive arts therapies for the personal, interpersonal growth and change through person-centered listening and communication counseling skill development.

**Attributes:**

- GE4: The Arts
- GE5: The Arts
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**EDS377. Expressive Arts in Education 2. 3 Credits.**

This is an experiential course, exploring the historical, contemporary and practical applications of the expressive arts therapies, including movement, music, paint, clay, journal keeping and drama, and their use in the fields of education and the human services. This course will demonstrate the utilization of the expressive arts therapies for personal, interpersonal, and social growth and change.

**Attributes:**

- GE4: The Arts
- GE5: The Arts
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- EDS376 Minimum Grade of D-

May not be repeated for credit

**EDS380. Learning Beyond Classrooms. 3 Credits.**

Learning happens everywhere: homes, libraries, gaming spaces, museums, parks, community centers, religious and cultural institutions. Drawing on diverse community resources, this seminar explores theory and practice of education in informal spaces across the lifespan.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**EDS382. Native American Science and Literacy Education. 3 Credits.**

Introduces students to Native American education models and knowledge systems, foundations and practices of science and literacy learning. Elaborates connections between scientific and literacy-based understandings within Native American educational frameworks.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **EDS383. Introduction to Literacy for Diverse Learners. 3 Credits.**

The course introduces the sociocultural, moral, political, historical, and developmental dimensions of literacy. Students consider how classroom practices for secondary students relate to theories of learning, to first- and second-language acquisition, and to literacy development. The course presents a broad view of literacy as a form of communication.

#### **Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Biology (440)
  - Adolescence Ed: Chemistry (441)
  - Adolescence Ed: Earth Science (442)
  - Adolescence Ed: English (443)
  - Adolescence Ed: French (444)
  - Adolescence Ed: Math (446)
  - Adolescence Ed: Physics (449)
  - Adolescence Ed: Social Studies (445)
  - Adolescence Ed: Spanish (447)
  - Adolescence Education (ADL)
  - Biology 4+1 (508A)
  - Chemistry (50CH)
  - Geology/Earth Science (51ES)
  - Mathematics 4+1 (512M)
  - Social Justice Educational Stu (SJE)

May not be repeated for credit

### **EDS393. Educational Studies Selected Topics. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

### **EDS399. Modular Course. 1-4 Credits.**

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

### **EDS493. Ed Studies Selected Topics. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

### **EDS494. Fieldwork In Educational Studies. 6 Credits.**

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **EDS495. Independent Study Educational Studies. 1-12 Credits.**

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

### **EDS499. Modular Course. 0 Credits.**

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

## **Engineering-Computer (EGC)**

### **EGC193. Engineering Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**EGC220. Digital Logic Fundamentals. 3 Credits.**

An introduction to digital logic analysis and design. Topics include: number representations used in today's digital systems and their arithmetic properties and conversion techniques; combinational switching theory of digital element networks where no feedback is present; analysis and design of clocked sequential circuits where feedback is present; and an introduction to modern programmable logic devices and their programming and synthesis techniques.

**Attributes:**

- Critical Thinking Introductory

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Computer Science (513)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- MAT251 Minimum Grade of C-
- EGC221 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

**EGC221. Digital Logic Lab. 1 Credit.**

Experiments in both combinational and sequential logic design. Breadboarding, schematic capture, and Verilog implementation of digital circuits of varying complexity. Use of software tools to design FPGA based circuits.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Computer Science (513)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Corequisites:**

- EGC220

May not be repeated for credit

**EGC251. C/C++ Programming. 3 Credits.**

A course in computer programming using high level programming languages (C/C++) as a tool to solve engineering problems. Topics include programming structure, decisions, repetition, arrays, functions, data files, addresses and pointers and object oriented design.

**Attributes:**

- Information Mgmt Intro

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGG101 Minimum Grade of C-

May not be repeated for credit

**EGC293. Engr Selected Topics. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**EGC295. Indep Study Compr Engin. 1-12 Credits.**

May be repeated for credit

**EGC320. Digital Systems Design. 3 Credits.**

State minimization, assignment, and design of synchronous sequential circuits. Verilog coding. Analysis and design of asynchronous sequential circuits. PLDS. Digital system design examples. Additional topics such as design of CMOS circuits, power reduction, testing etc.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGC220 Minimum Grade of C-
- EGC221 Minimum Grade of C-

May not be repeated for credit

**EGC331. Microcontroller System Design. 3 Credits.**

An introduction to Microcontroller Hardware and Software Design. Topics include organization and architecture; memory and I/O interfacing; and Assembly and C language programming. Interfacing and programming techniques with microcontroller peripherals that include: UART (Serial Communications), Counters and Timers, Interrupts, and Analog and Digital Interfacing.

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGC220 Minimum Grade of C-
- EGC221 Minimum Grade of C-
- EGC251 Minimum Grade of C-
- EGE200 Minimum Grade of C-
- EGE201 Minimum Grade of C-

**Corequisites:**

- EGC332

May not be repeated for credit

**EGC332. Microcontroller Laboratory. 1 Credit.**

Self-paced laboratory to provide hands-on experience encompassing Assembly and C programming languages and interfacing peripheral devices as applied to microcontroller systems.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGC220 Minimum Grade of C-
- EGC221 Minimum Grade of C-
- EGC251 Minimum Grade of C-
- EGE200 Minimum Grade of C-
- EGE201 Minimum Grade of C-

**Corequisites:**

- EGC331

May not be repeated for credit

**EGC412. Data Communications. 3 Credits.**

A first course in Data Communications, which introduces the problems, solutions, and limitations associated with interconnecting computers by communication networks (LAN or WAN). The seven layer ISO Open Systems Interconnect (OSI) reference model serves as framework for the course with major emphasis on layers one through four (physical, data link, network, and transportation).

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGC331 Minimum Grade of C-

May not be repeated for credit

**EGC433. Embedded Systems. 3 Credits.**

Analysis and design processes required for utilizing advanced functionality, real-time (interrupt) interfacing, and bare-metal and RTOS programming techniques (using C) as applied to an industry standard microcontroller-based embedded system. Topics include: analog interfacing and data acquisition, sensors, actuators, signal conditioning, timers and PWM, parallel and serial interfacing, communication and networking and control concepts.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGC331 Minimum Grade of C-
- EGC332 Minimum Grade of C-

May not be repeated for credit

### EGC442. Introduction to Computer Architecture. 3 Credits.

Computer architecture and hardware system organization are examined. Topics include performance issues, CPU organization and instruction set implementation, performance enhancement through pipelining, memory organizations, input/output structure, and an introduction to parallel architectures.

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

#### Prerequisites:

- EGC331 Minimum Grade of C-
- EGC332 Minimum Grade of C-

May not be repeated for credit

### EGC445. VLSI Design. 3 Credits.

Introduction to CMOS, MOS transistor theory. IC technology and layout design rules. Design of CMOS circuits. Circuit characterization and performance estimation. Memory, clocking and input/output circuits. Microarchitecture of VLSI systems. Chip design projects. Testability.

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

#### Prerequisites:

- EGC220 Minimum Grade of C- and EGC221 Minimum Grade of C-
- EGE320 Minimum Grade of C- and EGE322 Minimum Grade of C-

#### Corequisites:

- EGC446

May not be repeated for credit

### EGC446. VLSI Design Lab. 1 Credit.

Static and dynamic characteristics of CMOS logic gates. Design of CMOS circuits using transistor schematics, and verification through simulation. Layout of CMOS circuits using state-of-the-art VLSI tools, design rule check, and verification through simulation.

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

#### Corequisites:

- EGC445

May not be repeated for credit

### EGC447. Functional Verification of Hardware Systems. 3 Credits.

An introduction to the hardware verification practices used in industry. Students will learn how to create architecture for test benches, object-oriented approach, stimulus generation techniques, results checking, and how to analyze coverage using SystemVerilog.

#### Attributes:

- Information Mgmt Intrmd

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

#### Prerequisites:

- EGC 450 Minimum Grade of C-
- EGC455 Minimum Grade of C-

May not be repeated for credit

**EGC448. Software Defined Networks. 3 Credits.**

Broadband and Carrier Ethernet Networks and technologies. Role of SDN in defining architecture of the next generation of networks. Determination of conformance criteria for network standards and protocols to support industry solutions and applications.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - BS Computer Engineering/MS EE (266)
  - BS Elec. Engineering/MS EE (267)
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- CPS210 Minimum Grade of C- or EGE331 Minimum Grade of C-

May not be repeated for credit

**EGC451. Real-Time Systems. 3 Credits.**

Practical experience of real-time operating systems (RTOS) and real-time debugging as applied to real-time embedded systems. Design and implementation of real-time embedded systems: controllers, data storage, data acquisition, and communication using a commercially available RTOS.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGC433 Minimum Grade of C- or EGC 416 Minimum Grade of C-

May not be repeated for credit

**EGC455. Design and Verification of System on Chip. 3 Credits.**

System-on-chip (SoC) design and verification, IP (intellectual property) reuse in design and verification, hardware/software co-design, embedded software, functional verification using SystemVerilog and Universal Verification Methodology (UVM).

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGC320 Minimum Grade of C-
- EGC442 Minimum Grade of C-
- EGC445 Minimum Grade of C-
- EGC446 Minimum Grade of C-

May not be repeated for credit

**EGC493. Comp Eng Select Topics. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- EGC220 Minimum Grade of C-

May be repeated for credit

**EGC494. Fieldwork Computer Engin. 0 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**EGC495. Indep Study Comptr Engin. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Engineering-Electrical (EGE)****EGE193. Engineering Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit



**EGE200. Circuit Analysis. 3 Credits.**

Electrical circuit parameters; Kirchhoff's laws; circuit theorems; transient analysis of first and second-order circuits; sinusoidal excitation: phasor analysis, complex power; frequency response; resonance and filters; magnetically-coupled circuits and transformers; three-phase circuits.

**Attributes:**

- Critical Thinking Introductory

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- PHY202 Minimum Grade of C- and MAT359 Minimum Grade of C-
- EGE201 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

**EGE201. Circuits Laboratory. 1 Credit.**

Computer simulation and hardware experimentation on equivalent resistance, nodal and mesh approaches. Thevenin theorem, maximum power transfer, step response of first and second order circuits, power factor correction, and resonant circuits.

**Attributes:**

- Information Mgmt Intro

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- PHY202 Minimum Grade of C- and MAT359 Minimum Grade of C-

**Corequisites:**

- EGE200

May not be repeated for credit

**EGE293. Engineering Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- PHY202 Minimum Grade of C-

May be repeated for credit

**EGE295. Indep Study Elec Engineering. 1-12 Credits.**

Selected research areas specific to faculty.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**EGE302. Antenna Laboratory. 1 Credit.**

Measurement of the far field pattern and characteristics of wire antennas and arrays for VHF. Measurement of the field pattern and characteristics of reflector type antennas in the X-band, and of aperture type antennas and arrays in the X-band.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE445 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

**EGE303. Microwave Fundamentals Laboratory. 1 Credit.**

Measurement of VSWR and wavelength in waveguides, stub tuners and matching, calibration of attenuators, time domain reflectometry and frequency domain network analyzer measurement. Prerequisite/ Corequisite: EGE342.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE342 Minimum Grade of C-

May not be repeated for credit

**EGE306. Microwaves Circuits Laboratory. 1 Credit.**

Design, build and test planar microwave devices such as power divider, coupler, filter, mixer, amplifier, and oscillator.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

May not be repeated for credit

**EGE311. Signals and Systems. 3 Credits.**

Continuous and discrete-time signals, systems, and their properties; linear time-invariant systems: convolution; system descriptions using differential and difference equations; Fourier series, Fourier Transform and their properties. Laplace transform and Z-transform.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE200 Minimum Grade of C- or EGE 250 Minimum Grade of C-

May not be repeated for credit

**EGE320. Electronics I. 3 Credits.**

Op-amp as a device, semiconductors, diodes, Zener diodes, diode circuits, bipolar junction transistors: physics, biasing and amplification. Metal-oxide semiconductor field effect transistor: physics, biasing and amplification. Bipolar translator as a switch.

**Attributes:**

- Critical Thinking Intermediate

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE200 Minimum Grade of C- or EGE 250 Minimum Grade of C-
- EGE322 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**EGE321. Electronics II. 3 Credits.**

Multistage amplifiers (direct coupled, capacitor coupled), differential amplifiers. Advance current sources. Applications of operational amplifiers. Frequency response of amplifiers. Tuned amplifiers. Oscillators Waveform generators. Feedback amplifiers, and stability of feedback amplifiers. Power amplifiers.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE320 Minimum Grade of C-

**Corequisites:**

- EGE323

May not be repeated for credit

**EGE322. Electronics I Laboratory. 1 Credit.**

Laboratory exercises covering op-amps, characterization of diodes, BJT, and MOSFET, diode circuits, biasing and amplification of BJT and MOSFET, including simple current source.

**Attributes:**

- Information Mgmt Intrmd

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Corequisites:**

- EGE320

May not be repeated for credit

**EGE323. Electronics II Laboratory. 1 Credit.**

Laboratory exercises covering the multistage amplifier, direct coupled amplifier, difference amplifier, op-amp applications, frequency response, oscillator, waveform generator, power amplifier, and frequency response.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Corequisites:**

- EGE321

May not be repeated for credit

**EGE331. Computer Simulation. 3 Credits.**

Problem Solving and Engineering Methods, Algorithm Development, MATLAB Interactive Environment, MATLAB Programming Elements, Control Structures, Arrays and Matrix Operations, Plotting and Graphing, Recursion, Fundamentals of Database, Developing tables using Excel, Importing and exporting Excel tables to MATLAB.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE200 Minimum Grade of C-\* or EGE 250 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**EGE340. Applied Electromagnetics. 3 Credits.**

Transmission line theory. Graphical solutions using Smith Chart. Impedance matching. Transients on lossless lines. Electrostatic, capacitance and electric energy. Magnetostatic, Inductance and magnetic energy. Maxwell's equations, the wave equation, and uniform plane waves.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE200 Minimum Grade of C- or EGE 250 Minimum Grade of C-
- MAT353 Minimum Grade of C-

May not be repeated for credit

**EGE342. Microwave Fundamentals. 3 Credits.**

Review of Maxwell's equations, propagation of plane waves, reflection and transmission of plane waves, transmission line analysis, strip lines and microstrip lines, waveguide analysis, microwave networks.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE340 Minimum Grade of C-

May not be repeated for credit

**EGE350. Electric Energy Systems. 3 Credits.**

Electric energy generation by using resources such as fossil fuels, nuclear, wind, water, and waves. Power plant equipment, such as boilers, reactors, turbines, generators, transformers and switchgear. Electric power transmission, distribution, utilization and conversion to other energy forms.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE340 Minimum Grade of C-

**Corequisites:**

- EGE351

May not be repeated for credit

**EGE351. Electric Energy Systems Laboratory. 1 Credit.**

Experimental verification of material studied in EGE350 such as single phase and three phase circuit, two watt meter method for measurement of three phase power, in balanced and unbalanced circuits, characteristics of single phase and three phase transformers, synchronous generators, electric power transmission, and distribution, three phase and single phase induction motors.

**Attributes:**

- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Corequisites:**

- EGE350

May not be repeated for credit

**EGE393. Engineering Selected Topics. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**EGE399. Modular Course. 1-3 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**EGE412. Communication Systems. 3 Credits.**

Signal analysis, signal transmission. Digital communication systems. Amplitude modulation; angle modulation.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE311 Minimum Grade of C-

May not be repeated for credit

**EGE413. Communication Systems Laboratory. 1 Credit.**

AM communication circuits. FM communication. SSB communication circuits. RF power transmitting. Phase-locked loop circuits, frequency synthesis, time division multiplexing (sampling, PCM, DM), frequency division multiplexing, amplitude shift keying, phase shift keying, frequency shift keying.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE412 Minimum Grade of C- or EGE 312 Minimum Grade of C-

May not be repeated for credit

**EGE416. Control Systems. 3 Credits.**

Feedback and robustness; transfer function, block diagram and signal-flow graph; Mason's gain formula; stability: Routh-Hurwitz array; steady-state error; state-space: relation to transfer function, state-diagram; design of PID controllers; design of state-feedback controllers.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE311 Minimum Grade of C- or EGM312 Minimum Grade of C-

May not be repeated for credit

**EGE417. Digital Control Systems. 3 Credits.**

Analysis and design of control systems that use digital controllers. Representation of digital systems with difference equations and the Z-transform; Representation of Hybrid control systems (digital controller-analog plant); Stability analysis; Design of digital controller algorithms; Verification of digital controller design via MAT:LAB simulation.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE416 Minimum Grade of C-

May not be repeated for credit

**EGE418. Control Systems Laboratory. 1 Credit.**

Simulation and hardware experiments on the following topics: plant parameter identification, robustness, steady-state error, transient duration, absolute and relative stability. Verification via simulation of controller design in the same time domain and in the frequency domain.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE416 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

**EGE421. Microelectronic Technology. 3 Credits.**

Miller indices, Crystal growth, Major steps in the fabrication of microelectronic devices (diffusion ion implantation, thermal oxidation, film deposition (physical and chemical), etching, lithography, contacts and interconnections and yield.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE320 Minimum Grade of C-

May not be repeated for credit

**EGE422. Electronic Design Automation Lab. 1 Credit.**

Principles of electronic design, schematic design, electronic packaging technologies, PCB materials, PCB Layout, PCB Assembly, PCB manufacturing processes, principles of 3D modeling, 3D modeling of electronic components and enclosures.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGC331 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

**EGE423. Solid State Devices. 3 Credits.**

This course introduces the basics of semiconductor physics and modeling and devices such as pn junction diode, bipolar transistor, metal-semiconductor contacts, field effect transistor (MESFET and MOSFET), optical (solar cell LED, laser diode), power and microwave devices.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE320 Minimum Grade of C-

May not be repeated for credit

**EGE424. Microelectronic Technology Lab. 1 Credit.**

This course introduces students to various processing involved in fabrication of integrated circuits such as thermal oxidation, film deposition, lithography, cleaning and etching, rapid thermal processing and characterization.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE320 Minimum Grade of C-
- EGE 436 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**EGE435. VLSI Design. 3 Credits.**

Introduction to MOS devices and circuits (N-MOS, CMOS), MOS transistor theory. Integrated system processing technology and design rules (N-MOS and CMOS), circuit characterization and performance estimation, N-MOS and CMOS circuits and logic design. Interfacing. Introduction to VLSI design tools. Testability analysis. Microarchitecture of VLSI systems. Chip design projects? .

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGC 230 Minimum Grade of C- or EGC220 Minimum Grade of C-
- EGE320 Minimum Grade of C-

May not be repeated for credit

**EGE441. Transmission Line Theory. 3 Credits.**

Analysis and design of short, medium, and long transmission lines. Bundled conductors, skin effect, proximity effect, and geometric mean distance. Ferranti effect. Standing waves and traveling waves.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - BS Computer Engineering/MS EE (266)
  - BS Elec. Engineering/MS EE (267)
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE340 Minimum Grade of C-

May not be repeated for credit



**EGE445. Antenna Systems. 3 Credits.**

Antenna parameters, wire antennas, arrays of wire antennas, aperture and printed circuit type antennas, reflectors and feeds.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE340 Minimum Grade of C-

May not be repeated for credit

**EGE446. Antenna Systems Laboratory. 1 Credit.**

Measurement of the far field pattern and characteristics of wire antennas and arrays for VHF. Measurement of the field pattern and characteristics of reflector type antennas in the X-band, and of aperture and printed circuit type antennas and arrays in the X-band.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE445 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**EGE451. Electromechanical Energy Conversion. 3 Credits.**

Advanced topics in electromechanical energy conversion and drives. Transformers. Induction machines, three phase and single phase, Synchronous machines, Electric drives, Induction generators.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE350 Minimum Grade of C-

May not be repeated for credit

**EGE452. Electric Power Systems. 3 Credits.**

Energy courses, transmission line parameters, transmission line modeling, power flow analysis, voltage frequency control, power system protection.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE350 Minimum Grade of C-

May not be repeated for credit

**EGE455. Electromechanical Energy Conversion Laboratory. 1 Credit.**

Operation of single and three phase transformers. Characteristics of single phase and three phase induction motors. Characteristics of three phase synchronous machines. Characteristics of various types of direct current machines.

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE451 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**EGE493. Engineering Selected Topics. 12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**EGE494. Fieldwork Engineering. 1-12 Credits.**

Complete a prearranged and supervised industry-based project and submit a final technical report.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**EGE495. Indep Study Elec Engineering. 1-12 Credits.**

Selected research areas specific to faculty.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

## Engineering-General (EGG)

**EGG101. Introduction to Engineering Science. 3 Credits.**

This entry-level course provides students with an overview of the engineering sciences. Equal emphasis is placed on the three fields of engineering in which SUNY New Paltz offers degree programs; Electrical Engineering, Computer Engineering, and Mechanical Engineering. Each module offers hands-on learning experiences through projects.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May not be repeated for credit

**EGG193. Engineering Selected Topic. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- EGG101 Minimum Grade of C-

May be repeated for credit

**EGG199. Modular Course. 1-12 Credits.**

May be repeated for credit

**EGG250. Energy and the Environment. 3 Credits.**

Energy fundamentals, fossil based (coal, oil and gas), nuclear and renewable energy sources (such as solar, wind, hydro, geothermal, biomass, tidal and ocean thermal). Heat engines, use of energy in transportation, energy conservation and effect of energy consumption in the environment (locally and globally) are studied.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT120 Minimum Grade of C- or MAT 151 Minimum Grade of C- or MAT053 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

**EGG293. Engineering Selected Topic. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**EGG295. Indep Study General Engi. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**EGG311. Engineering Statistics. 3 Credits.**

This course will provide students with an understanding of the principles of engineering data analysis using basic probability theorems and statistical methods with emphasis on their application to real-world data processing problems.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Mechanical Engineering (521)

**Prerequisites:**

- MAT252 Minimum Grade of C-

May not be repeated for credit

**EGG321. Technical Communication. 3 Credits.**

Prepare proposal for Senior Design Project. Build high level statement, audience definition, product definition statement, product plan, risk assessment, and product verification and wrap-up plan. Also covers business memos, abstracts and summaries mechanical descriptions, poster sessions, business ethics, and business-oriented oral presentation. Two oral presentations are required.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Mechanical Engineering (521)

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**EGG393. Engineering Selected Topic. 3-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**EGG399. Modular Course. 1-3 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**EGG408. Senior Design Project I. 2 Credits.**

Part 1 of the engineering capstone experience. Students produce a two-semester project plan and work in teams, with guidance from their project advisor(s), to design and implement a prototype that they will demonstrate and present at the end of the semester. Attendance at project-management lectures is required.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Mechanical Engineering (521)

May not be repeated for credit

**EGG409. Sr Design Project 2. 2 Credits.**

Part 2 of the engineering capstone experience, which culminates in a final design. Students, with guidance from their project advisor(s), improve on the prototype produced in EGG408. At the end of the course, students demonstrate and present their final design and submit a Senior Design Project Report that describes the entire (two-semester) design process.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGG408 Minimum Grade of C-

May not be repeated for credit

**EGG472. Engineering Management. 3 Credits.**

Prepares engineering students for a career in management. Through class discussions, group projects, various videos, and guest speakers, students find out what a management's role will entail, including ethical issues. Students learn how to go from being a practicing engineer to being an engineering manager.

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - BS Computer Engineering/MS EE (266)
  - BS Elec. Engineering/MS EE (267)
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE200 Minimum Grade of C-
- EGE201 Minimum Grade of C-

May not be repeated for credit

**EGG493. Engineering Selected Topic. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**EGG495. Indep Study Genl Engin. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

## Engineering-Mechanical (EGM)

**EGM101. Design With Additive Manufacturing. 1 Credit.**

This course will present students with practical experience in the design of products. Students will learn the principals of design including the design, build, analyze paradigm. Students will leverage the power of 3D printing to take a novel product from concept to manufacture.

**Attributes:**

- Critical Thinking Introductory

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Mechanical Engineering (521)

**Prerequisites:**

- EGG101 Minimum Grade of C-\*
- PHY201 Minimum Grade of C-
- PHY211 Minimum Grade of C-

\* May be taken at the same time

May not be repeated for credit

### **EGM193. Engineering - Mechanical Selected Topics. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

#### **Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

### **EGM201. Design Using Reverse Engineering. 1 Credit.**

Building upon the practical experiences in Design with Additive Manufacturing (EGM101), students will use the principals of design by reverse engineering an existing product. Emphasis will be placed on improved design and functionality by reverse engineering as existing product from initial inspection to manufacture during this laboratory.

#### **Attributes:**

- Information Mgmt Intro

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Engineering (EGG)
  - Mechanical Engineering (521)

#### **Prerequisites:**

- EGM101 Minimum Grade of C-

May not be repeated for credit

### **EGM211. Statics. 3 Credits.**

Statics is the branch of engineering mechanics that is concerned with the analysis of forces on physical systems in static equilibrium. This class will help you interpret the forces supporting objects we encounter in our daily lives. Topics include: force systems, equilibrium, structural analysis, distributed forces, internal forces, friction, and virtual work. Finally, an introduction to mechanics of materials will be covered.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

#### **Prerequisites:**

- PHY201 Minimum Grade of C-
- PHY211 Minimum Grade of C-
- MAT252 Minimum Grade of C-

May not be repeated for credit

### **EGM212. Dynamics. 3 Credits.**

Analysis of motions of particles and rigid bodies encountered in engineering. Topics include: velocity, acceleration, relative motion, work, energy, impulse, and momentum. Further development of mathematical modeling and problem solving. Vector mathematics where appropriate.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Engineering (EGG)
  - Mechanical Engineering (521)

#### **Prerequisites:**

- EGM211 Minimum Grade of C-
- MAT359 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

### **EGM213. Dynamics Laboratory. 1 Credit.**

An introduction to experimental methods in Mechanical Engineering relating to rigid body kinematics, and dynamics of vibrating systems. Experimentation, data acquisition and analysis / interpretation of experimental data, comparison of measurements to numerical/analytical predictions, and formal engineering report writing.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

#### **Prerequisites:**

- EGM212 Minimum Grade of C-

May not be repeated for credit

### **EGM221. Engineering Materials. 3 Credits.**

The relationship between the structure of materials and the resulting mechanical, thermal, electrical, and optical properties. Topics include: Atomic structure, bonding, atomic arrangement; crystal symmetry, crystal structure, habit, lattices, defects and the use of X-ray diffraction, phase equilibria, and micro-structural development. Applications to design.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Engineering (EGG)
  - Mechanical Engineering (521)

#### **Prerequisites:**

- CHE201 Minimum Grade of C-
- CHE211 Minimum Grade of C-

May not be repeated for credit

**EGM293. Engineer-Mechanical Sel Topics. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**EGM295. Indep Study Mechanical Engineering. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**EGM301. Design of Measurement Instrumentation. 1 Credit.**

Building upon the practical experiences in EGM101 & EGM201, students will use the principles of design, to design an experiment to measure a physical quantity. In addition to designing the experiment, students will be required to design and manufacture the instrumentation for the experiment. Students will be expected to plan the design process of both the experiment and the instrumentation, as well as, prepare a proposal detailing the design including time and cost schedules.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGM101 Minimum Grade of C-
- EGE201 Minimum Grade of C-

May not be repeated for credit

**EGM302. Intro to Finite Element Analysis. 3 Credits.**

An introduction to the theory and practice of finite element analysis. Basic computation of one and two-dimensional structural elements (such as truss, beams, and plane elements) are introduced. Complex applications of commercial finite element packages in the areas of statics, strength of materials, and heat transfer are covered through in-class (hands-on) experiences, and projects.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGM322 Minimum Grade of C-
- EGM331 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**EGM303. Advanced Computer Aided Design. 3 Credits.**

Building from a foundation of existing fundamental Computer Aided Design skills, students will develop requisite skills and management techniques to gain an understanding and appreciation to effectively use CAD from project inception to completion.

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - BS CE/MS Elec. Engineering (268)
  - BS EE/MS Elec. Engineering (269)
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGG101 Minimum Grade of C-

May not be repeated for credit

**EGM304. Design of Machine Elements. 3 Credits.**

Using concepts of failure prevention, this course introduces machine component design. A wide range of engineered mechanical elements (such as fasteners, shafts, and springs) are analyzed considering manufacturing, design, and implementation. The principles of material selection and processing (including welding, machining, casting, forming, and molding) and their design are introduced. Finally, geometric interaction of elements is considered through fits and tolerances with emphasis on function, performance, and reliability.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - BS CE/MS Elec. Engineering (268)
  - BS EE/MS Elec. Engineering (269)
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGM311 Minimum Grade of C-
- EGM322 Minimum Grade of C-

May not be repeated for credit

**EGM311. Kinematics of Machines. 3 Credits.**

This course will focus on the application of kinematics to the analysis, synthesis, and design of mechanisms. Specific topics covered will include linkage synthesis (graphically and analytically), position analysis, velocity analysis, acceleration analysis, cam design, and gear trains.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGM212 Minimum Grade of C-

May not be repeated for credit

**EGM312. System Dynamics. 3 Credits.**

This course will focus on the modeling of dynamic systems in the mechanical, electrical, thermal, and fluid domains. Steady-state and transient response will be addressed within the time domain and frequency domain techniques.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGM311 Minimum Grade of C-
- EGE200 Minimum Grade of C- or EGE 250 Minimum Grade of C-
- EGE201 Minimum Grade of C- or EGE 209 Minimum Grade of C-

May not be repeated for credit

**EGM322. Mechanics of Materials. 3 Credits.**

An introduction to solid mechanics, with topics including stress and strain in structural elements, mechanical properties of materials, extension / torsion / bending of members, combined loadings, static indeterminacy, stress / strain transformations, Mohr's circle, failure theories, buckling and strain energy.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGM221 Minimum Grade of C-
- EGM211 Minimum Grade of C-

May not be repeated for credit



**EGM323. Materials Lab. 1 Credit.**

Study of the properties, behavior, and performance of engineering materials including: stress-strain relations, strength, deformation, and fracture. Introduction to experimental techniques common to mechanical engineering: interpretation of experimental data, comparison of measurements to numerical/analytical predictions, and formal engineering report writing.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGM322 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**EGM331. Thermodynamics. 3 Credits.**

Properties of working fluids and fundamental relations for processes involving the transfer of energy. Topics include: First and second laws of thermodynamics, entropy, reversible and irreversible processes, properties of pure substance. Application to engineering problems.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- CHE201 Minimum Grade of C-
- CHE211 Minimum Grade of C-
- PHY202 Minimum Grade of C-
- PHY212 Minimum Grade of C-
- MAT252 Minimum Grade of C-

May not be repeated for credit

**EGM332. Fluid Mechanics. 3 Credits.**

Analysis of steady ideal and viscous fluid flow systems using the continuity, Bernoulli and momentum equations. Boundary layer theory is treated in terms of viscous and pressure drag, lift, and its importance in heat and mass transfer. Dimensional analysis and dynamic similitude are studied to provide an understanding of flow systems analysis and modeling. Introduction to pipe flow and open channel flow.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGM212 Minimum Grade of C-
- EGM331 Minimum Grade of C-\*
- MAT359 Minimum Grade of C-

\* May be taken at the same time

May not be repeated for credit

**EGM333. Thermo-Fluids Lab. 1 Credit.**

An introduction to experimental methods in Mechanical Engineering: review and use of pressure, temperature, and flow measuring devices. Experimentation, data acquisition and analysis selected from within the thermo-fluids area.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGM331 Minimum Grade of C-
- EGM332 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**EGM334. Heat Transfer. 3 Credits.**

The course discusses quantitatively the three main modes of heat transfer; which are conduction, convection, and radiation. A combined approach will be followed that will stress both the fundamentals of the rigorous differential description of the involved phenomena and the empirical correlations used for engineering design.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGM331 Minimum Grade of C-
- EGM332 Minimum Grade of C-
- EGE200 Minimum Grade of C- or EGE 250 Minimum Grade of C-
- EGE201 Minimum Grade of C- or EGE 209 Minimum Grade of C-

May not be repeated for credit

**EGM335. Thermo System Design. 3 Credits.**

Thermodynamics of power cycles, refrigeration, air conditioning, and combustion processes; analysis, design, and testing of systems involving both conventional and renewable energy sources for power generation, heating, and cooling applications.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGM331 Minimum Grade of C-
- EGM332 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**EGM336. HVAC. 3 Credits.**

Fundamentals of single and multistage vapor-compression refrigeration cycles and their component devices will be studied in depth. Psychrometric fundamentals and air treatment techniques common in air conditioning systems will be covered. Load estimation calculations will be performed.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - BS CE/MS Elec. Engineering (268)
  - BS EE/MS Elec. Engineering (269)
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGM331 Minimum Grade of C-
- EGM332 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**EGM340. Mechanical Measurements. 3 Credits.**

This course will explore the background, theory, and practice of engineering measurements. Topics will include design of measurement systems, test plans, statistics, analog/digital sampling methods, and measurement instrumentation.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGE200 Minimum Grade of C-

May not be repeated for credit

**EGM393. Engineer-Mechanical Sel Topics. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**EGM421. Mechanical Behavior of Materials. 3 Credits.**

Fundamentals for understanding and manipulating the mechanical behavior of engineering materials. Building upon the principles of materials science and solid mechanics, this course covers the mechanisms, as well as the material structure-property relationship, behind material failure that includes fracture, fatigue and creep. Further, the theories and models for predicting and preventing material failure will be introduced through case studies on machinery and IC circuitry.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - BS CE/MS Elec. Engineering (268)
  - BS EE/MS Elec. Engineering (269)
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGM322 Minimum Grade of C-

May not be repeated for credit

**EGM441. Mechanical Vibrations. 3 Credits.**

The objective of this course is for students to learn analytical, experimental, and numerical treatment of vibration phenomena. Topics include linear oscillator analysis (Laplace transforms, complex harmonic balance, Fourier transforms, eigenvalue problems, modal analysis, and simulation), experimental methods, and an introduction to nonlinear dynamic systems. Free and forced vibrations of mechanical systems with lumped inertia, springs, and dampers are the primary emphasis.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Engineering (EGG)
  - Mechanical Engineering (521)

**Prerequisites:**

- EGM212 Minimum Grade of C-
- MAT362 Minimum Grade of C-

May not be repeated for credit

**EGM493. Engineer-Mechanical Sel Topics. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**EGM494. Fieldwork Mechanical Engineering. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**EGM495. Indep Study Mech Engineering. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**English (ENG)****ENG160. Composition I. 3 Credits.**

Training in critical reading, the process of composing, academic forms of writing, and computer literacy. Movement from expressive to expository writing. Papers assigned to develop particular writing techniques. A first-semester English course.

**Attributes:**

- GE3:Composition 1
- Initial College Level English
- Information Literacy (GE3)
- Information Mgmt Intro
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**ENG170. Writing and Rhetoric. 4 Credits.**

Training in rhetorical situation analysis and argument writing. Focus on research, critical analysis, and academic genres. Oral presentation and library components. Papers assigned to develop collection and integration of materials, evidence-based analysis, and argument invention. Not to be taken for credit by students who have completed ENG180 Composition II.

**Attributes:**

- GE4: Basic Communication
- GE5: Communication Oral
- GE5: Communication Written
- Information Literacy (GE3)
- Information Mgmt Intro
- Liberal Arts

**Prerequisites:**

- English Placement Level Minimum Score of 4 or ENG160 Minimum Grade of D-

May not be repeated for credit

**ENG180. Composition II. 3 Credits.**

Training in critical reading and academic writing, particularly research, critical analysis, and argumentation. Oral presentation and library component. Papers assigned to develop academic writing skills, including the research essay.

**Attributes:**

- GE3:Composition 2
- Information Literacy (GE3)
- Information Mgmt Intro
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ENG160 Minimum Grade of D- or English Placement Level Minimum Score of 4

May not be repeated for credit

**ENG193. English Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**ENG199. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**ENG200. Analysis and Interpr of Literature. 3 Credits.**

Introduction to close reading of literature, including prose and poetry.

**Attributes:**

- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG206. Advanced Writing and Rhetoric. 4 Credits.**

Training in rhetorical situation analysis and argument writing. Designed for intellectually curious and industrious students with demonstrated writing proficiency. Focus on research, critical analysis, and academic genres. Oral presentation and library components. Meets basic communication requirement.

**Attributes:**

- GE4: Basic Communication
- GE3:Composition 2
- GE5: Communication Oral
- GE5: Communication Written
- Information Literacy (GE3)
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ENG160 Minimum Grade of B or English Placement Level Minimum Score of 5

May not be repeated for credit

**ENG207. Intermediate Composition. 3 Credits.**

Designed to prepare students for college writing assignments in various disciplines. Offers opportunities to enhance critical reading, writing, and thinking skills.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG210. Great Books Ancient. 3 Credits.**

Examination of Great Books that have shaped cultures and values by comparing classics of major world traditions in ancient times, such as Gilgamesh, Iliad, Aeneid, Bhagavad Gita, Taoteking, the Bible.

**Attributes:**

- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Aw

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ENG160 Minimum Grade of C- or English Placement Level Minimum Score of 4 or ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG211. Great Bks Asian Classics. 3 Credits.**

Examination of Great Books of India, China, and Japan which have shaped cultures and values or represent ways of life in Asian traditions in classical, medieval, and modern times, such as: Mahabharata, Upanishads, Tripitaka, Analects, Tao Teh Ching, Genji, and Monkey.

**Attributes:**

- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ENG160 Minimum Grade of C- or English Placement Level Minimum Score of 4

May not be repeated for credit

**ENG224. Expository Writing. 3 Credits.**

Intensive practice and guidance in the technique of expository prose, with emphasis on clarity and logic; reading of selected essays; class discussion of student writing.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG226. Practical Grammar. 3 Credits.**

Traditional grammar of contemporary, standard American writing for effective, graceful style: grammatical categories (e.g., verb, verb phrase), grammatical functions (e.g. subject, complement), and kinds of sentences.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Comm Disorders Post-BA (089)

**Prerequisites:**

- ENG160 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG 002 Minimum Grade of (C-) or English Placement Level Minimum Score of 4

May not be repeated for credit

**ENG230. Women In Literature. 3 Credits.**

Representation of women in selected literary works from past and present. Discussion of literature as art and as a window on the history of women.

**Attributes:**

- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG231. American Woman Writers 20Cen. 3 Credits.**

Analysis of wide range of works by twentieth-century American women writers that foreground the political, social, and creative struggles of women and explore the ethical issues raised by gender roles.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG250. Shakespeare Our Contemporary. 3 Credits.**

A study of selected, representative plays by William Shakespeare. Some emphasis on Shakespeare's impact on stage, films, and popular culture.

**Attributes:**

- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- Liberal Arts
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ENG160 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG180 Minimum Grade of C-\* or ENG207 Minimum Grade of C-\* or ENG170 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

\* May be taken at the same time

May not be repeated for credit

**ENG255. Contemp Issues and Lit. 3 Credits.**

Contemporary Issues and Literature will introduce students to issues and themes of North American life through studying contemporary, multicultural literary texts. Readings include novels, short stories, poems and drama.

**Attributes:**

- Diversity
- GE3: DIVR
- Effective Expression/Written
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ENG160 Minimum Grade of C- or English Placement Level Minimum Score of 4 or ENG170 Minimum Grade of C- or ENG 002 Minimum Grade of (C-) or ENG180 Minimum Grade of C-

May not be repeated for credit

**ENG293. English Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**ENG295. Indep Study English. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**ENG299. Modular Course. 1 Credit.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**ENG300. Seminar in Critical Practices. 4 Credits.**

Course explores a significant theoretical or methodological approach to literary and cultural studies to provide an introduction to advanced critical practices.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG303. Introduction to British Literature. 4 Credits.**

Introduction to traditions of British literature through an exploration of a range of writers from several historical periods.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG305. Science Fiction. 3 Credits.**

Study of the genre from its beginnings in the nineteenth century to its recent directions in the twenty-first.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit



**ENG306. Modern Fantasy. 3 Credits.**

Study of the genre from the Grimms to the present. Selected works from each period. Romantics and Victorians, pulp writers, and the renaissance after Tolkien.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG307. The Novel. 3 Credits.**

The novel as a genre through reading of both contemporary and classic novels.

**Attributes:**

- Effective Expression/Written
- Ethical Reflection
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG308. Short Story. 3 Credits.**

The short story as a genre through reading of both contemporary and classic short stories.

**Attributes:**

- Effective Expression/Written
- Ethical Reflection
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG310. Studies in Drama. 3 Credits.**

An introduction to drama as a literary genre through reading of both contemporary and classic plays.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG327. Development of Modern English. 3 Credits.**

The history of English from earliest times to the present; major changes in vocabulary, grammar, and sounds; the evolution of English dialects and the spread of English in the world.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG333. Introduction to American Literature. 4 Credits.**

Introduction to traditions of American literature through an exploration of a range of writers from several historical periods and diverse ethnicities, cultures, and perspectives.

**Attributes:**

- Critical Thinking Introductory
- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG343. Transnational Literature. 4 Credits.**

Introduces the transnational in literature and literary studies as a dialogue among traditions, genres and identities. Considers the global context of literature, transnational connections, and transnational influences on English-language literature.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG345. Creative Writing Workshop I. 3 Credits.**

Introduction to reading and practice in writing fiction, poetry, creative nonfiction, and drama. Writing exercises as well as formal writing assignments in creative writing genres and forms.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG346. Writer-in-Residence Workshop. 1 Credit.**

Intensive practice in creative writing in a special-topics genre, such as Young Adult Fiction or Memoir, designed and taught by a prestigious guest author. May be repeated for credit.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May be repeated for credit

**ENG348. Dramatic Writing Stag and Scrn. 3 Credits.**

The art, craft and business of dramatic writing are explored through writing exercises, readings, lectures, discussion and student presentations. Writers are mentored through four major projects: a ten-line micro-play, a short one-act play, a short film script, and the organization of a major play and feature film.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG353. Multiethnic and Diasporic Literature. 4 Credits.**

Explores multiethnic and diasporic literature and related theoretical issues either through close study of a single tradition or through comparison of several traditions (such as African American, Latino/a, Anglophone Caribbean, or Chinese American literatures).

**Attributes:**

- Critical Thinking Introductory
- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG355. The Bible. 4 Credits.**

Introductory study of the Bible as a diverse and complex body of literature from the Ancient Near East (in English translation). Readings include selections from both the Hebrew Bible (Tanakh or the Old Testament) and the New Testament, foundational Scriptural canons that have shaped and substantially informed Western civilization, world literature, and sacred traditions around the globe.

**Attributes:**

- Ethical Reflection
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Aw

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG356. Greek and Roman Literature. 3 Credits.**

Greek and Roman authors who formed the basis of the Western literary tradition. Selections from works of such authors as: Homer, Aeschylus, Sophocles, Euripides, Aristophanes, Plato, Virgil, Horace, Catullus, Ovid.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG361. European Literature. 3 Credits.**

A survey of great books of European literature such as Dante's Divine Comedy, Boccaccio's Decameron, Machiavelli's The Prince, Voltaire's Candide, Goethe's Faust, and novels by Stendhal, Flaubert, Tolstoy, Dostoyevsky, and Mann. The works are read in English translations.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG366. Contemporary Ethnic Literature of the United States. 3 Credits.**

This course surveys literature (novels, short stories, poetry, criticism) by contemporary U.S. authors such as Leslie Marmon Silko, Gish Jen, Judith Ortiz Cofer, and Ishmael Reed, emphasizing their historical contexts, themes, and styles.

**Attributes:**

- Diversity
- GE3: DIVR
- Effective Expression/Written
- Information Literacy (GE3)
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG368. The Jewish American Experience in Literature and Film. 3 Credits.**

Study of the Jewish experience in America from twentieth-century perspectives -- novels, short stories, memoirs, and films -- including Malamud, Miller, Cohen, Goldberg, Rosen, and Levinson.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG372. Fiction into Film. 3 Credits.**

The complex interrelationships between novels and short stories and the movies derived from them. Consideration of the uniqueness of each art form with study of the techniques they share: Plot, structure, character development, symbolism.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG385. Theories of Writing. 3 Credits.**

Introduction to the most important and influential modern theories of writing. Emphasis is on the teaching of writing at all educational levels.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG393. English Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May be repeated for credit

**ENG399. Modular Course. 1 Credit.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May be repeated for credit

**ENG400. Asian American Literature. 4 Credits.**

An examination of Asian American narratives in various forms (memoirs, fiction, poetry, graphic literature, film, and mixed media) in their complex personal, cultural, and political contexts of representation with special focus on issues of identity (race, gender, nationality).

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Graduate
- Must be enrolled in one of the following classes: Senior, Junior

May not be repeated for credit

**ENG404. Medieval Literature. 4 Credits.**

A survey of the representative literary genres of Medieval Europe with special reference to England.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 301 Minimum Grade of C- or ENG303 Minimum Grade of C-

May not be repeated for credit

**ENG405. Elizabethan Literature. 4 Credits.**

Important writers of poetry, prose, and drama (excluding Shakespeare) in the sixteenth and very early seventeenth centuries: Kyd, Spenser, Sidney, and Marlowe.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 301 Minimum Grade of C- or ENG303 Minimum Grade of C-

May not be repeated for credit

**ENG406. Shakespeare I: Selected Works. 4 Credits.**

Selected major plays and non-dramatic poetry, such as Richard III, Twelfth Night, Julius Caesar, Othello, Hamlet, All's Well that Ends Well, The Tempest, and the sonnets. May be taken after ENG407 or concurrently.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 301 Minimum Grade of C- or ENG 302 Minimum Grade of C- or ENG303 Minimum Grade of C-

May not be repeated for credit

**ENG407. Shakespeare II: Selected Works. 4 Credits.**

Narrative poems and selected major plays, such as Richard II, I Henry IV, As You Like It, Measure for Measure, Troilus and Cressida, Macbeth, and King Lear. May be taken before ENG406 or concurrently.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 301 Minimum Grade of C- or ENG 302 Minimum Grade of C- or ENG303 Minimum Grade of C-

May not be repeated for credit

**ENG408. Seventeenth-Century Literature. 4 Credits.**

Leading English writers of poetry and prose in the seventeenth century, excluding Milton. Metaphysical and Cavalier poets and such prose authors as Browne, Burton, Bunyan, and Pepys.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 301 Minimum Grade of C- or ENG303 Minimum Grade of C-

May not be repeated for credit

**ENG413. Eighteenth-Century English Literature. 4 Credits.**

Readings from some of the following: satirists Swift, Gay, Pope; the first novelists: Defoe, Fielding, Sterne; biographers: Johnson, Boswell.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 302 Minimum Grade of C- or ENG303 Minimum Grade of C-

May not be repeated for credit

**ENG414. The Rise of the Novel. 4 Credits.**

Growth of the middle class and the emphasis on individual experience in the eighteenth century that led to the development of a new literary genre: the novel. Readings in Defoe, Richardson, Fielding, Smollett, and Sterne.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 302 Minimum Grade of C- or ENG303 Minimum Grade of C-

May not be repeated for credit

**ENG415. Nineteenth-Century English Novel. 4 Credits.**

Emphasis on changing fictional techniques, conflict between the individual and society, and the representation of women in novels. Austen, Emily Bronte, Thackeray, Hardy, Gissing, among others.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 302 Minimum Grade of C- or ENG303 Minimum Grade of C-

May not be repeated for credit

**ENG417. The Romantics in England. 4 Credits.**

Social and artistic upheaval in the age of the French Revolution as reflected in the English poets and prose writers of the time: Wordsworth, Coleridge, Byron, Shelley, Keats, and others.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 302 Minimum Grade of C- or ENG303 Minimum Grade of C-

May not be repeated for credit

**ENG418. Victorian Literature. 4 Credits.**

Study of the literature of the age and its involvement with religion, love, evolution, art, poverty, and politics. Arnold, Ruskin, Tennyson, Browning, Dickens, Hardy, Wilde, Yeats.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 302 Minimum Grade of C- or ENG303 Minimum Grade of C-

May not be repeated for credit

**ENG419. Twentieth-Century British Literature. 4 Credits.**

Study of early twentieth-century poetry, fiction, nonfiction, and drama in its historical and cultural contexts. Consideration of how writers crafted literary forms in response to political and economic upheaval, crises in cultural identity, and changes in traditional gender roles.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 302 Minimum Grade of C- or ENG303 Minimum Grade of C-

May not be repeated for credit

**ENG420. Literary Criticism. 4 Credits.**

Analysis of major statements by great critics from the Classical, Renaissance and Modern periods. Discussion of significant ideas dealing with literary creation, genre, principles of criticism, and standards of taste. Critics include Aristotle, Horace, Dryden, Johnson, Wordsworth, Coleridge, Arnold.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG300 Minimum Grade of C-

May not be repeated for credit

**ENG423. Contemporary Literary Theory. 4 Credits.**

An introduction to literary theory in the twentieth and twenty-first centuries, including New Criticism, Marxism, Psychoanalysis, Gender Studies, New Historicism, and Postcolonialism.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 301 Minimum Grade of C- or ENG 302 Minimum Grade of C- or ENG 331 Minimum Grade of C- or ENG 332 Minimum Grade of C- or ENG300 Minimum Grade of C-

May not be repeated for credit

**ENG425. The Epic Tradition. 4 Credits.**

The epic and saga as they have evolved from myth and legend. Archetypal heroes; heroic action; cosmology.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 301 Minimum Grade of C- or ENG 302 Minimum Grade of C- or ENG 331 Minimum Grade of C- or ENG 332 Minimum Grade of C- or ENG300 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C- or ENG343 Minimum Grade of C- or ENG353 Minimum Grade of C-

May not be repeated for credit

**ENG426. The Twentieth-Century British Novel. 4 Credits.**

A study of both continuity and innovation in the novel of twentieth-century Britain, with attention to the political, cultural and intellectual currents that shaped and were shaped by twentieth-century British novels.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 302 Minimum Grade of C- or ENG303 Minimum Grade of C-

May not be repeated for credit

**ENG427. Contemporary Literature from 1945. 4 Credits.**

Readings in the major works of recent British and American poets and novelists.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 302 Minimum Grade of C- or ENG 332 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C- or ENG353 Minimum Grade of C-

May not be repeated for credit

**ENG428. After Postmodernism: Twenty-First Century Literature. 4 Credits.**

A study of primarily American and British literature since 2000, with attention to both continuities with twentieth-century literature and innovations in form, genre, and theme.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 302 Minimum Grade of C- or ENG 332 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C-

May not be repeated for credit



**ENG430. Postcolonial Literature. 4 Credits.**

An examination of fiction, nonfiction, poetry, drama and film produced by postcolonial writers and filmmakers. Selected readings in postcolonial theory will be used to explore historical, cultural and political background to provide analytic frameworks.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 302 Minimum Grade of C- or ENG343 Minimum Grade of C- or ENG353 Minimum Grade of C-

May not be repeated for credit

**ENG435. Early American Literature. 4 Credits.**

Study of the literature of Colonial America through independence, including narratives, poems, novels and pamphlets by such authors as Bradford, Equiano, Wheatley, Rowson, and Paine. The literature will be discussed in the context of early American history.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 331 Minimum Grade of C- or ENG333 Minimum Grade of C-

May not be repeated for credit

**ENG436. Nineteenth-Century American Literature. 4 Credits.**

Important writers of America's formative years, the nineteenth century, from Irving and Poe to Twain, James and Dreiser, as well as significant minor authors.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 331 Minimum Grade of C- or ENG333 Minimum Grade of C-

May not be repeated for credit

**ENG437. The American Renaissance. 4 Credits.**

Study of the literature of mid 19th-century America, with a focus on authors such as Emerson, Thoreau, Hawthorne, Melville, and Stowe.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 331 Minimum Grade of C- or ENG 332 Minimum Grade of C- or ENG333 Minimum Grade of C-

May not be repeated for credit

**ENG439. Twentieth-Century American Novel. 4 Credits.**

Representative works by major American novelists of the twentieth century.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 332 Minimum Grade of C- or ENG333 Minimum Grade of C-

May not be repeated for credit

**ENG440. The Beats. 4 Credits.**

In-depth study of the major writers of the post-WWII American literary movement known as the Beat Generation, including Jack Kerouac, Allen Ginsberg, William Burroughs, Diane Di Prima, and Gregory Corso.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 331 Minimum Grade of C- or ENG 332 Minimum Grade of C- or ENG333 Minimum Grade of C-

May not be repeated for credit

**ENG445. Creative Writing Workshop II. 4 Credits.**

Intermediate-level reading and practice in writing fiction, poetry, creative nonfiction, and drama. Writing exercises as well as formal writing assignments in creative writing genres and forms.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG345 Minimum Grade of C-

May not be repeated for credit

**ENG448. Writing the Novel. 4 Credits.**

Writing the Novel is for highly motivated students of Creative Writing who would like to write a book-length work of fiction; three completed, consecutive chapters are required for each semester.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG345 Minimum Grade of C- or ENG445 Minimum Grade of C-

May not be repeated for credit

**ENG450. Seminar in Poetry. 4 Credits.**

Analysis of individual poems and discussions of poetic genres.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 301 Minimum Grade of C- or ENG 302 Minimum Grade of C- or ENG 331 Minimum Grade of C- or ENG 332 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C- or ENG343 Minimum Grade of C- or ENG353 Minimum Grade of C-

May not be repeated for credit

**ENG451. Senior Seminar. 4 Credits.**

Research library methods in literature, organized around a selected topic.

Students construct individual projects for lengthy research papers for public performance. Open to English majors with senior status. Others by permission of instructor if space is available. May be taken multiple times.

**Attributes:**

- Creative Works
- Research
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): English (522)

**Prerequisites:**

- ENG300 Minimum Grade of C-

May be repeated for credit

**ENG452. The Craft of Fiction. 4 Credits.**

Approaches to, theories of, and the craft of prose fiction writing focusing on the short narrative form (both traditional and experimental) with emphasis on understanding traditions of the genre and finding a distinctive voice in terms of language and subject matter. Special emphasis devoted to editing, revision, and close reading.

**Attributes:**

- Creative Works
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG345 Minimum Grade of C-
- ENG445 Minimum Grade of C-

May not be repeated for credit

**ENG453. The Craft of Poetry. 4 Credits.**

Approaches to prosody, poetics, and fundamental of poetry writing and craft, including fixed forms and open forms, with emphasis on understanding traditions of the genre and finding a distinct voice in terms of language and subject matter.

**Attributes:**

- Creative Works
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG345 Minimum Grade of C-
- ENG445 Minimum Grade of C-

May not be repeated for credit

**ENG454. The Craft of Creative Non Fiction. 4 Credits.**

Approaches to, theories of, and the craft of the personal essay, memoir, and creative nonfiction including autobiography, cultural memoir, profiles, cultural critique and nature, travel, and community writing with emphasis on understanding traditions of the genre and finding a distinctive voice in terms of language and subject matter.

**Attributes:**

- Creative Works
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG345 Minimum Grade of C-
- ENG445 Minimum Grade of C-

May not be repeated for credit

**ENG455. The Craft of Dramatic Writing. 4 Credits.**

Approaches to the art, craft, business and critical analysis of dramatic writing explored through writing, assigned works, and staged readings of scripts with emphasis on understanding traditions of the genre and finding a distinctive voice in terms of language and subject matter.

**Attributes:**

- Creative Works
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG345 Minimum Grade of C-
- ENG445 Minimum Grade of C-

May not be repeated for credit

**ENG460. Classic Juvenile Fantasy Literature. 4 Credits.**

Classics in juvenile (ages 8-15) fantasy literature from Alice in Wonderland to Harry Potter.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 301 Minimum Grade of C- or ENG 302 Minimum Grade of C- or ENG 331 Minimum Grade of C- or ENG 332 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C-

May not be repeated for credit

**ENG465. Young Adult Literature. 4 Credits.**

A multicultural, multi-genre course combining contemporary young adult literature with established literary classics. Readings range from Shakespeare to Judy Blume. Emphasizes issues of gender, ethnicity, and social justice with significant attention to literary technique.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 301 Minimum Grade of C- or ENG 302 Minimum Grade of C- or ENG 331 Minimum Grade of C- or ENG 332 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C- or ENG353 Minimum Grade of C-

May not be repeated for credit

**ENG468. Literature, Evolution, and the Brain. 4 Credits.**

Study of literature and aesthetics through the lenses of evolutionary and cognitive psychology. This course examines literature at the level of content, form, and institution, seeking to understand how and why literature pleases the human animal.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 301 Minimum Grade of C- or ENG 302 Minimum Grade of C- or ENG300 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C- or ENG343 Minimum Grade of C- or ENG 331 Minimum Grade of C- or ENG 332 Minimum Grade of C- or PSY 307 Minimum Grade of C- or BIO135 Minimum Grade of C- or EVO301 Minimum Grade of C-

May not be repeated for credit

**ENG469. Literature and Culture in the Age of Darwin. 4 Credits.**

This course introduces students to classic works of science and literature, as we explore the influence of Darwin and evolutionary theory on the culture, literature, and politics of Victorian England and beyond.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG300 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C- or ENG343 Minimum Grade of C- or ENG353 Minimum Grade of C-

May not be repeated for credit

**ENG470. Major Authors. 4 Credits.**

Intensive study of a major writer or pair of writers. This course may be repeated for credit when the subtitles/topics of the two courses are different.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 301 Minimum Grade of C- or ENG 302 Minimum Grade of C- or ENG 331 Minimum Grade of C- or ENG 332 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C- or ENG343 Minimum Grade of C- or ENG353 Minimum Grade of C-

May be repeated for credit

**ENG473. Twentieth-Century Word and Image. 4 Credits.**

We will approach the "sister arts" of poetry and painting by investigating the nature of verbal and visual signs. Taking Gotthold Lessing's time/space distinction as a guiding concern for the course, we will examine the way the medium (language, paint, pencil, etc.) expresses itself in poems and paintings. Using basic Formalist and Structuralist ideas, we will question various modes of verbal and pictorial expression. These considerations will lead us to a critique of the way meaning is made in contemporary culture.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG 301 Minimum Grade of C- or ENG 302 Minimum Grade of C- or ENG 331 Minimum Grade of C- or ENG 332 Minimum Grade of C- or ENG300 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C- or ENG343 Minimum Grade of C- or ENG353 Minimum Grade of C-

May not be repeated for credit

**ENG476. Graphic Literature. 4 Credits.**

Explores recent evolution of narrative texts in which visual images and word converge, e.g. graphic novel, graphic journalism, comix, manga, and how-to memoirs. Topics include genre formation, filmic adaptations, visual ideology, and the subversive imagination.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C- or ENG343 Minimum Grade of C- or ENG353 Minimum Grade of C-

May not be repeated for credit

**ENG477. Literature of the Holocaust. 4 Credits.**

Survey of the various genres of Holocaust literature and film including oral testimonies, diaries and journals, memoirs, fiction, poetry and film. Critical perspectives will be drawn from history, sociology psychology, literary theory, and trauma studies.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG478. Utopia/Dystopia. 4 Credits.**

Surveys the literature and philosophy of imaginary worlds from fantastical travel narratives to the popular dystopian novels of today, with a special focus on the early history of utopian and dystopian narratives.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG 208 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**ENG480. Rhetorical Experiences. 4 Credits.**

Exploration of rhetorical history and concepts, plus study of the theory and practice of the kinds of experiences rhetoric induces. May include study of the sublime, taste, material rhetoric, affect, design or visual rhetoric.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**ENG493. English Selected Topics. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ENG494. Fieldwork in English. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ENG495. Indep Study English. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

## English as a Second Language (ESL)

**ESL011. ESL Elementary Grammar. 4 Credits.**

A single skill module for beginning English as a Second Language students. Language structures appropriate to the students' level and needs will be introduced and practiced in communicative situations. This module will be combined with others to form a complete program of language acquisition based on the students' assessed needs.

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL012. ESL Elementary Reading and Writing. 6 Credits.**

Provides students the opportunity to develop their vocabulary, reading speed, and general comprehension. The writing assignments focus on description, information, and narration. Classroom practice is based on using good sentence and paragraph form, punctuation and grammar to give students the foundation for academic writing. This class meets two days a week for a total of six academic hours.

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL013. ESL Elementary Listening and Speaking. 6 Credits.**

Provides students the opportunity to develop oral and aural comprehension. Students will work on building vocabulary and improving listening and speaking skills and pronunciation. The class will also spend time in the language lab with audio and videotapes. Every student will practice spoken English in each class meeting. The exercises will focus on the language needed to communicate with Americans and to succeed in the classroom. This class meets two days a week for a total of six academic hours.

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL014. ESL Elementary ESL Topics. 3 Credits.**

Builds upon topics and skills learned in the other Elementary classes. It is designed to help students to integrate what they have learned in other classes and better understand and use conversational English. Additional work is provided in terms of vocabulary development and extra time in the Language Learning Center classroom, if available. Students may receive some instruction of the basic skills in the computer lab if computer literacy is a concern. Topics might include current events or service learning. The class meets two days a week for a total of three academic hours.

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL021. ESL Intermediate Grammar. 4 Credits.**

A single skill module for ESL students with some English language proficiency as assessed by the ESL placement battery. Language structures appropriate to the students' level and needs will be analyzed and practiced in communicative contexts. The module will be combined with others to form a complete program of language acquisition based on the students' assessed needs.

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL022. ESL Intermediate Reading and Writing. 6 Credits.**

An integrated skills course for ESL students with some English language proficiency. Topics for written interpersonal communication as well as those related to academic disciplines will be addressed. This module will be combined with others to form a complete program of language acquisition based on the students' assessed needs.

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL023. ESL Intermediate Listening and Speaking. 6 Credits.**

An integrated oral/aural communication skills course for ESL students with some language proficiency. Topics for spoken interpersonal communication as well as those related to academic disciplines will be addressed. This module will be combined with others to form a complete program of language acquisition based on the students' assessed needs.

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL024. ESL Intermediate Current Events. 1-3 Credits.**

An integrated skills course for ESL students with some English language proficiency. With the assistance of educational technology, including audio and visual equipment, students will strengthen the skills being developed in their other ESL classes. This module will be combined with others to form a complete program of language acquisition based on the students' assessed needs.

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL031. ESL Advanced Grammar. 4 Credits.**

Students have an opportunity to practice and learn more complex grammar structures in writing and speaking. Some emphasis is put on speaking in order to give more practice of the advanced grammar structures.

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL032. ESL Advanced Reading and Writing. 6 Credits.**

An integrated skills course for ESL students with considerable English language proficiency as assessed by the ESL placement test battery. This course will concentrate on developing the reading and writing skills necessary for participating in college-level academic classes.

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL033. ESL Advanced Listening and Speaking. 6 Credits.**

An integrated oral/aural communication skills course for ESL students with considerable language proficiency as assessed by the ESL placement test battery. This course will concentrate on developing the listening and speaking skills necessary for participating in college-level academic classes.

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL034. ESL Advanced Current Events. 3 Credits.**

An integrated skills course for ESL students with considerable English language proficiency. With the assistance of educational technology, including audio and video equipment, students will strengthen the language skills being developed in their other ESL and academic classes.

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL036. ESL Orient Col Life USA. 1-3 Credits.****Restrictions:**

- Must have the following level: ESL

May not be repeated for credit

**ESL050. IBS-SP Business Certificate. 0 Credits.**

Institute for International Business with International Business School of Sao Paulo Business Certificate.

May be repeated for credit

**ESL093. ESL Selected Topic. 12 Credits.****Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL141. ESL Grammar For Acad Prp. 4 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL142. ESL Reading/Writn AC Prp. 6 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL143. ESL Lsttn/Speakng AC Prp. 4 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL144. Business English. 3 Credits.**

This course provides English instruction through the use of business content. Reading and listening text will provide students general background knowledge in business topics such as management, production, and marketing. Writing and speaking skills will be developed through professional communication practices.

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit

**ESL193. ESL Selected Topic. 1-6 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: ESL

May be repeated for credit



## Environmental Science (EGS)

### EGS370. Introduction to Environmental Science & Engineering. 4 Credits.

A survey course covering the broad scope of environmental science and engineering, including air pollution, water pollution, water quality control, environmental chemistry, global atmospheric change, solid waste management and resource recovery. Case studies and outside speakers.

COURSE FEE.

#### Attributes:

- Liberal Arts

#### Restrictions:

- Must not be enrolled in the following class: Freshman

#### Prerequisites:

- CHE202 Minimum Grade of C-
- GLG201 Minimum Grade of C- or GLG 220 Minimum Grade of C-

May not be repeated for credit

### EGS475. Environmental Sciences Research Project 1. 3 Credits.

Students will undertake a two semester research project, under the guidance of a faculty mentor, focusing on a detailed examination of a real world environmental problem. The project will culminate in a written document and an oral presentation in the Senior Seminar.

#### Attributes:

- Liberal Arts

#### Restrictions:

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Environmental Geochem Science (519)
  - Geology (510)

May not be repeated for credit

### EGS476. Environmental Science Research Project 2. 3 Credits.

Continuation of EGS475.

#### Attributes:

- Liberal Arts

#### Prerequisites:

- EGS475 Minimum Grade of C-

May not be repeated for credit

### EGS477. Senior Seminar in Environmental Science. 1 Credit.

a series of presentations by senior students and by invited speakers. In the course, students nearing graduation present the findings of their senior project. On alternate weeks, invited professionals from the environmental sciences present relevant aspect of their work.

#### Attributes:

- Liberal Arts

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Environmental Geochem Science (519)
  - Geology (510)

#### Prerequisites:

- EGS475 Minimum Grade of C-

May not be repeated for credit

## Environmental Studies (ENV)

### ENV191. Fieldwork in Environmental Studies. 0 Credits.

Fieldwork experience for students pursuing a Minor in Environmental Studies consisting of immersion for at least 20 hours in the actual work of one of several approved external organizations directed toward some aspect of environmental sustainability.

#### Attributes:

- Liberal Arts

May not be repeated for credit

### ENV193. ENV Studies Selected Topic. 1-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

### ENV393. Environmental Studies Selected Topics. 1-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

#### Attributes:

- Liberal Arts

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ENV493. Environmental Stu Select Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ENV494. Environmental Studies Fldwrk. 1-12 Credits.**

May be repeated for credit

**Evolutionary Studies (EVO)****EVO193. Evo Studies Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**EVO201. Evolution and Human Health. 3 Credits.**

Theoretical and practical study of human evolution as it relates to optimizing health and fitness today. Lecture/demonstration/movement.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course

May not be repeated for credit

**EVO295. Evolutnry Studs Indepndt Stds. 1-12 Credits.****Attributes:**

- Liberal Arts

May be repeated for credit

**EVO301. Evolutionary Studies Seminar. 3 Credits.**

An interdisciplinary seminar featuring bi-weekly presentations by experts on evolution. Speakers will represent areas of scholarship that have been addressed in terms of evolutionary themes such as anthropology, biology, English, and psychology.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**EVO493. Evo Studies Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**EVO495. Independent Study Evo Studies. 1-12 Credits.****Fine and Performing Arts (FPA)****FPA493. F&PA Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**French (FRN)****FRN101. Elementary French I. 3 Credits.**

First half of a foundation course. Introduction to French, for students with little or no previous knowledge of the language. Fundamentals of speaking, listening, reading and writing. Basic grammatical concepts and some cultural information about the French-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 1
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 1

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**FRN102. Elementary French II. 3 Credits.**

Second half of a foundation course. Continuation of Elementary French I. Further fundamentals of speaking, listening, reading and writing. Further basic grammatical concepts, such as additional tenses and modes, plus additional cultural information about the French-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 2
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 2

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- FRN101 Minimum Grade of D- or French Language Placement Minimum Score of 1

May not be repeated for credit

**FRN193. French Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**FRN199. Modular Course. 0 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**FRN201. Intermediate French I. 3 Credits.**

Work in French to improve listening, reading, writing and speaking skills. Provides an overall grammar review with the introduction of more advanced structures to enhance students' active use of French, especially in the areas of conversation (listening and speaking) and writing. Analysis of readings and other media on culturally significant topics.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- FRN102 Minimum Grade of D- or French Language Placement Minimum Score of 2

May not be repeated for credit

**FRN202. Intermediate French II. 3 Credits.**

Work in French to improve listening, reading, writing and speaking skills. Provides an overall grammar review with the introduction of more advanced structures to enhance students' active use of French, especially in the areas of conversation (listening and speaking) and writing. Analysis of readings and other media on culturally significant topics.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- FRN201 Minimum Grade of D- or French Language Placement Minimum Score of 3

May not be repeated for credit

**FRN293. French Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**FRN295. Indep Study French. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**FRN299. Modular Course. 0 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**FRN301. Communication & Writing in French. 4 Credits.**

Advanced grammar in context and vocabulary building. Introduction to the analysis of literary and cultural texts. Survey of social issues in France and Francophone countries. Focus on written and oral argumentation. Conducted in French.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- FRN202 Minimum Grade of D- or French Language Placement Minimum Score of 4

May not be repeated for credit

**FRN302. Communication & Culture in French. 4 Credits.**

Advanced grammar in context and vocabulary building. Introduction to the analysis of literary and cultural texts. Survey of social issues in France and Francophone countries. Focus on written and oral argumentation. Conducted in French.

**Attributes:**

- Research
- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- FRN202 Minimum Grade of D- or French Language Placement Minimum Score of 5

May not be repeated for credit

**FRN304. Everyday French. 3 Credits.**

Cross-cultural analysis of selected elements of daily life in modern French-speaking societies. Conducted in French.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- FRN202 Minimum Grade of D-

May not be repeated for credit

**FRN306. French Phonetics. 3 Credits.**

A comprehensive survey of the French sound system, with an introduction to basic linguistic symbols and concepts. Correct pronunciation and spelling of French and the correlation between the two are a major focus. The theoretical material will be reinforced through practical oral, listening, and written exercises with the aim of improving students' pronunciation of standard French. The course features a strong audio media component.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- FRN202 Minimum Grade of D-

May not be repeated for credit

**FRN319. French Civilization. 4 Credits.**

Analysis of the most significant aspects of French history, culture, the arts, and social and political institutions from Gaul through the present. Reading and classes in French.

**Attributes:**

- Effective Expression/Oral
- Effective Expression/Written
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Aw

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- FRN202 Minimum Grade of D-

May not be repeated for credit

**FRN320. Francophone Cultures. 4 Credits.**

Analysis of the most significant aspects of history and contemporary culture of the French-speaking world including Africa, Asia, the Caribbean, and North America. Overview of colonial history and introduction to post-colonial theory. Conducted in French.

**Attributes:**

- Research
- Effective Expression/Oral
- Effective Expression/Written
- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**FRN375. French Literature before 1800. 4 Credits.**

Study of representative authors, texts, and genres from the Middle Ages to 1800. Special attention given to improving skills in literary analysis. Conducted in French.

**Attributes:**

- Effective Expression/Oral
- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- FRN202 Minimum Grade of D-

May not be repeated for credit

**FRN376. French/Franc Lit Aft 1800. 4 Credits.**

Study of representative works of French and Francophone literature from 1800 to the present. Special attention given to improving skills in literary analysis. Conducted in French.

**Attributes:**

- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- FRN202 Minimum Grade of D-

May not be repeated for credit

**FRN393. French Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**FRN399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- FRN202 Minimum Grade of D-

May not be repeated for credit

**FRN474. 21st Century Fiction in French. 3 Credits.**

A study of critically acclaimed short stories, novels, and graphic novels addressing social change and cultural shifts at the beginning of the 21st century. Conducted in French.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- FRN202 Minimum Grade of D-

May not be repeated for credit

**FRN475. French Cinema. 3 Credits.**

French cinema from the Lumiere Brothers to today, working through Impressionism, Surrealism, Poetic Realism, and the New Wave. Historical contextualization is balanced with close film analysis of narrative documentary, and experimental form.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- FRN202 Minimum Grade of D-

May not be repeated for credit

**FRN476. French Translation. 3 Credits.**

Theory and practice of translation. Students learn techniques for translating a broad range of literary and nonliterary texts, and are introduced to key theories and concepts from the field of translation studies.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- FRN202 Minimum Grade of D-

May not be repeated for credit

**FRN493. French Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- FRN202 Minimum Grade of D-

May be repeated for credit

**FRN494. Fieldwork In French. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- FRN202 Minimum Grade of D-

May not be repeated for credit

**FRN495. Indep Study French. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- FRN202 Minimum Grade of D-

May be repeated for credit

**FRN499. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**General Studies (BGS)****BGS490. Senior Portfolio Project. 1 Credit.**

Capstone course for the General Studies degree. An integration of knowledge attained through coursework and reflection on its relationship to scholarly and career goals.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): General Studies (501)

May not be repeated for credit

**Geography (GEO)****GEO193. GEO Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**GEO201. Human Geography. 3 Credits.**

An analysis of the distribution and character of interrelationships between humankind and the environment, including such topics as origin and dispersal of technology, livelihood patterns, and urbanization.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

May not be repeated for credit

**GEO202. Physical Geography. 3 Credits.**

Selected aspects of the physical environment and their relationships to humankind. Emphasis on study of maps, weather, and regional climatology.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

May not be repeated for credit

**GEO203. People-Environments Geography. 3 Credits.**

Ecosystem and social processes involved in people-environment relations in different places and times, emphasizing social justice. Natural and social science approaches to understand causes and consequence of human-induced environmental degradation so as to formulate solutions.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit



**GEO211. World Geography. 3 Credits.**

"World Geography" introduces students to the field of regional geography through the study of distinctive features of the world's regions and countries, as well as the interaction of diverse groups in the process of global integration. We will address a range of themes, including economic development, population growth, migration, resource use, environmental issues, geopolitical issues and urbanization. Both Western and non-Western (developed and developing) regions will be included.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

**GEO212. Cities of the World. 3 Credits.**

Global urbanization patterns at the world-regions scale using concepts from urban, economic, political, cultural and environmental geography. Key concepts include site & situation, settlement history, urban morphology, urban functional regions, and contemporary urban challenges.

**Attributes:**

- Critical Thinking Introductory
- Effective Expression/Written
- Information Mgmt Intro
- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

**GEO213. Economic Geography. 3 Credits.**

Geographical factors and interpretive theories related to patterns of population density, economic development, international trade, and economic production.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

May not be repeated for credit

**GEO214. Introduction to Urban and Regional Planning. 3 Credits.**

Broad range of contemporary issues in urban/regional planning. Topics include the history of spatial planning, legal underpinnings, theories of urban development, and emerging issues facing practicing planners. Case studies from the U.S. and abroad will complement the theoretical content.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**GEO231. Geography of Hazards. 3 Credits.**

Explores hazardous physical processes in the atmosphere and lithosphere, both natural and human induced. Introduces spatial analysis of hazards, and the science of risk assessment.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts
- GE4: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

May not be repeated for credit

**GEO293. Geography Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**GEO295. Indep Study Geography. 1-12 Credits.**

May be repeated for credit

**GEO314. Issues in Urban Planning. 3 Credits.**

Key concepts include planning theory, quantitative techniques employed by professional planners, infrastructure planning, decision-making at multiple scales (individuals and institutions), consideration of trade-offs in decision-making, and planning processes.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

May not be repeated for credit

### **GEO315. Quantitative Analysis in Urban Planning. 3 Credits.**

Content includes numerical techniques applied to various aspects of Urban Planning. Key concepts include Correlation/regression, urban transportation modeling, data collection principals, Fair Share (housing) calculations, economic analysis of development proposals, financial mechanisms, and Demographic Modeling.

#### **Attributes:**

- Liberal Arts

#### **Prerequisites:**

- Math Placement Level Minimum Score of 3 or (MAT 151 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-)

May not be repeated for credit

### **GEO318. Place, Identity, and Belonging in Asian America. 3 Credits.**

Provides an overview of the history and contemporary issues facing Asian Americans and Pacific Islanders (AAPI) through a critical analysis of the impact of race, racism, ethnicity, sexism, imperialism, militarism, and immigration on Asian Americans.

#### **Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- BLK100 Minimum Grade of D- or DMJ310 Minimum Grade of D- or GEO201 Minimum Grade of D- or (JPN 320 Minimum Grade of D- or ASN300 Minimum Grade of D-) or LAM271 Minimum Grade of D- or SOC100 Minimum Grade of D- or SOC381 Minimum Grade of D- or WOM220 Minimum Grade of D-

May not be repeated for credit

### **GEO321. Geography of Soils. 3 Credits.**

Study of geographical distribution of soils and their relationship to ecosystems, with emphasis on the interconnections between social relations, human impact, and soil quality. Possible field trip (s).

#### **Attributes:**

- Field Study
- Research
- Critical Thinking Intermediate
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **GEO322. Geography of Water Resources. 3 Credits.**

Students will demonstrate understanding of occurrence, analysis, management, and conservation of water resources in the U.S. and around the world. Students will further demonstrate knowledge of the impacts of changing water resources on environment, economy, and society.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **GEO331. Gender and Environment. 3 Credits.**

The gendered nature of environment degradation; gender-sensitive theories and methodologies for the study of and solution to environmental problems.

#### **Attributes:**

- Research
- Critical Thinking Intermediate
- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **GEO332. Geography, Health and Environment. 3 Credits.**

Examination of the relationship between location, environmental conditions, and human well-being. The goal is a realistic view of the role of environment within a holistic concept of health.

#### **Attributes:**

- Civic Engagement
- Research
- Critical Thinking Intermediate
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**GEO333. Advanced People-Environments Geography. 3 Credits.**

Advanced level study of ecosystem and social processes involved in people-environment relations, emphasizing social justice. Theories and methods to understand causes and consequence of human-induced environmental degradation so as to formulate solutions. Field trip (s) may be required. Completion of introductory course and/or other coursework in ecology, earth science, or environmental science highly recommended.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**GEO340. Just Maps. 3 Credits.**

Introduces students to the basics of map reading, analysis and creation. Explores different types of maps and spatial representation to aid critical analysis of social, historical and geographical trends and data.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**GEO341. Introduction to Geographic Information Systems. 4 Credits.**

An introductory overview of geographic information systems (GIS), a major technological innovation in the analysis and presentation of spatial data. Topics include theoretical and practical aspects of spatial data collection, storage, analysis, and display. Computer lab projects providing practical experience with popular GIS hardware and software are an essential part of this course.

**Attributes:**

- Field Study
- Community Service
- Civic Engagement
- Practicum - Non-Clinical
- Research
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**GEO342. Digital Map Design. 4 Credits.**

The course is devoted to principles of map-making: projections, scales, symbols, design, and digital mapping systems to effectively present geographic data. The course also covers basic coding principles to customize maps on digital devices. Lecture & Lab.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GEO341 Minimum Grade of D-

May not be repeated for credit

**GEO343. Remote Sensing. 4 Credits.**

Principles, methods, techniques of remote sensing - including air photo interpretation and photogrammetry; their use in identification, analysis, and management of physical, cultural, and economic resources, application to geography and related physical and social sciences. Computer applications are included.

**Attributes:**

- Field Study
- Community Service
- Research
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GEO 273 Minimum Grade of D- or GEO202 Minimum Grade of D- or GLG201 Minimum Grade of D- or ANT211 Minimum Grade of D-

May not be repeated for credit

**GEO344. Spatial Statistics. 3 Credits.**

Introduces the benefits and limitations of quantitative methods to analyze geographical problems. Covers traditional descriptive and inferential statistics but with a specifically spatial approach, including shape, point pattern and cluster analysis as well as spatial autocorrelation.

**Attributes:**

- Information Mgmt Intro
- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics
- Systematic Inquiry

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of D- or MAT120 Minimum Grade of D- or MAT121 Minimum Grade of D-

May not be repeated for credit

**GEO351. Geography of the United States and Canada. 3 Credits.**

Geographical patterns of the natural, economic, social and political features as they interrelate to form the regions of North America.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts
- GE3: USST
- GE4: United States Studies
- GE5: US History Civic Engmnt

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**GEO354. Geography of Asia. 3 Credits.**

This course examines the physical and cultural geography of China, Japan, Korea and Vietnam. Using case studies, the course focuses on rural and urban landscapes, natural resource distributions, population dynamics, economic development, and natural disasters.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**GEO355. "Emerging" China and Critical Geopolitics. 3 Credits.**

In this course, we will explore China's transition to a 'Socialist Market Economy' and what that means for China and the world. Our work throughout the course will be to investigate the significant processes and factors that drive China's urban growth, economic reforms, environmental interventions, as well as its geopolitical positioning.

**Attributes:**

- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

**GEO393. Geography Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**GEO399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**GEO411. Political Geography. 3 Credits.**

Analysis of the causes and consequences of the geographical patterns of political phenomena, with emphasis on nations and states. General principles will be illustrated by case studies.

**Attributes:**

- Civic Engagement
- Critical Thinking Advanced
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GEO 240 Minimum Grade of D- or GEO211 Minimum Grade of D- or GEO 252 Minimum Grade of D- or GEO213 Minimum Grade of D- or GEO 272 Minimum Grade of D- or GEO203 Minimum Grade of D- or GEO 273 Minimum Grade of D- or GEO202 Minimum Grade of D- or GEO 274 Minimum Grade of D- or GEO201 Minimum Grade of D- or GEO 285 Minimum Grade of D- or GEO231 Minimum Grade of D- or GEO293 Minimum Grade of D- or GEO295 Minimum Grade of D- or GEO 301 Minimum Grade of D- or GEO351 Minimum Grade of D- or GEO 303 Minimum Grade of D- or GEO 352 Minimum Grade of D- or GEO 308 Minimum Grade of D- or GEO354 Minimum Grade of D- or GEO 310 Minimum Grade of D- or GEO331 Minimum Grade of D- or GEO 330 Minimum Grade of D- or GEO321 Minimum Grade of D- or GEO 381 Minimum Grade of D- or GEO342 Minimum Grade of D- or GEO 382 Minimum Grade of D- or GEO343 Minimum Grade of D- or GEO 383 Minimum Grade of D- or GEO341 Minimum Grade of D- or GEO393 Minimum Grade of D- or GEO 406 Minimum Grade of D- or GEO431 Minimum Grade of D- or GEO480 Minimum Grade of D- or GEO481 Minimum Grade of D- or GEO 483 Minimum Grade of D- or GEO441 Minimum Grade of D- or GEO493 Minimum Grade of D- or GEO494 Minimum Grade of D- or GEO495 Minimum Grade of D- or POL227 Minimum Grade of D-

May not be repeated for credit

**GEO412. Geography of Socialism. 3 Credits.**

Diverse origins and meanings of socialism in geographical context. Emphasis on social movements, perspectives, and struggles. Selections from Africa, the Americas, Asia, Europe, Oceania. Comparisons of contemporary and past socialist currents, including anarchists, communists/Marxist, feminist, eco-socialist.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must be enrolled in one of the following classes: Senior, Junior

**Prerequisites:**

- ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**GEO413. Geographies of Reproductive Health and Justice (USA). 3 Credits.**

Examines the uneven access to full-scope reproductive care across the geographic and demographic landscape through engagement with the history of reproductive policies and practices that frame the contemporary struggle for reproductive justice in the United States.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GEO201 Minimum Grade of D-
- WOM220 Minimum Grade of D-

May not be repeated for credit

**GEO431. Natural Resources: Utilization and Management. 3 Credits.**

Distribution, use, and management of natural resources as they affect economic development in both the historical and present sense.

**Attributes:**

- Research
- Critical Thinking Advanced
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GEO 252 Minimum Grade of D- or GEO213 Minimum Grade of D- or GEO 273 Minimum Grade of D- or GEO202 Minimum Grade of D- or GEO 274 Minimum Grade of D- or GEO201 Minimum Grade of D-

May not be repeated for credit

**GEO432. Climate Change and Society. 3 Credits.**

Social, political and economic forces that impact Earth's changing climate. Emphasizes effectiveness of and obstacles to proposed solutions addressing hazards of the fast-warming climate.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Graduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **GEO441. Geographic Information Systems Applications. 4 Credits.**

An intermediate-level exploration of theoretical and practical issues arising in the use of typical geographic information systems (GIS) applications. Representative examples of a variety of GIS applications will be analyzed. Computer lab projects providing practical experience with popular GIS hardware and software are an essential part of this course.

#### **Attributes:**

- Field Study
- Practicum - Non-Clinical
- Creative Works
- Research
- Information Mgmt Advanced
- Liberal Arts

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- GEO 383 Minimum Grade of D- or GEO341 Minimum Grade of D-

May not be repeated for credit

### **GEO480. Internship in Geography (3,6, or 9). 3-9 Credits.**

Opportunity for students to gain experience related to the geography curriculum. Work as an intern in one of the agencies cooperating in this program. These governmental and private agencies are involved in planning and environmental concerns. Content of the course varies with the interest of the student and the nature and needs of the cooperating agency. Students must have a GPA of 2.75 or higher to take this course.

#### **Attributes:**

- Service Learning
- Community Service
- Civic Engagement
- Practicum - Non-Clinical
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

#### **Corequisites:**

- GEO481

May not be repeated for credit

### **GEO481. Internship Seminar. 1 Credit.**

Academic complement to GEO480. Interns and faculty meet to relate concepts of academic discipline to internship experience.

#### **Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

#### **Corequisites:**

- GEO480

May not be repeated for credit

### **GEO482. Environmental Studies Senior Seminar. 1 Credit.**

A capstone experience for Environmental Studies majors. An exploration into the application of biophysical and social science methods to an environmental problem linked to human impact.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Environmental Studies (560)

May not be repeated for credit

### **GEO493. Geography Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

### **GEO494. Fieldwork In Geography. 1-12 Credits.**

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

### **GEO495. Indep Study Geography. 1-12 Credits.**

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit



## Geology (GLG)

### GLG120. Weather and Environment. 4 Credits.

A non-mathematical introduction to the basic principles of weather and weather forecasting and their effect on man. Laboratory studies of weather maps and related charts.

#### Attributes:

- Civic Engagement
- Liberal Arts
- GE4: Natural Science Lecture
- GE4: Natural Science Lab
- GE5: Natural Science Lecture
- GE5: Natural Science Lab
- GE3: NSCI
- Systematic Inquiry

May not be repeated for credit

### GLG193. Geological Selected Topic. 3-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

### GLG199. Modular Course. 0 Credits.

May not be repeated for credit

### GLG201. Physical Geology. 3 Credits.

Basic concepts of geology. Minerals, rocks, and rock-forming processes. Geologic time and age dating. Erosion, streams, groundwater, and glaciers. Geologic structures, earthquakes, volcanoes, plate tectonics, and other geologic processes. COURSE FEE.

#### Attributes:

- Field Study
- Civic Engagement
- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- GE4: Natural Science Lecture
- GE5: Natural Science Lecture
- GE3: NSCI
- Systematic Inquiry

#### Restrictions:

- Must have the following level: Undergraduate

#### Corequisites:

- GLG211

May not be repeated for credit

### GLG202. Historical Geology. 4 Credits.

Geological and geographic developments of the continents throughout the earth's history, with emphasis on North America. Methods used in calculating the age of our planet, and interpreting the history of its rocks. Evolution of plants and animals through geologic time. In the laboratory, geologic maps and a few common fossils are studied. Local and regional field trips. COURSE FEE.

#### Attributes:

- Field Study
- Civic Engagement
- Liberal Arts
- GE4: Natural Science Lecture
- GE4: Natural Science Lab
- GE3: NSCI

#### Restrictions:

- Must have the following level: Undergraduate

#### Prerequisites:

- GLG201 Minimum Grade of C-

May not be repeated for credit

### GLG205. Environmental Geology. 4 Credits.

The geological system as a framework for understanding environmental problems; man and his interactions with geological systems. Conservation, utilization, and management of natural resources. Field trips. COURSE FEE.

#### Attributes:

- Field Study
- Civic Engagement
- Liberal Arts
- GE4: Natural Science Lecture
- GE4: Natural Science Lab
- GE5: Natural Science Lecture
- GE5: Natural Science Lab
- GE3: NSCI
- Systematic Inquiry

May not be repeated for credit

### GLG211. Physical Geology Laboratory. 1 Credit.

Laboratory study of minerals, rocks, topographic maps, and geologic maps. Field trips.

#### Attributes:

- Field Study
- Civic Engagement
- Liberal Arts
- GE4: Natural Science Lab
- GE5: Natural Science Lab

#### Restrictions:

- Must have the following level: Undergraduate

#### Corequisites:

- GLG201

May not be repeated for credit

**GLG293. Geological Selected Topic. 2-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**GLG295. Indep Study Geology. 1-12 Credits.**

May be repeated for credit

**GLG299. Phys Glg-Fld Excur. 1 Credit.****Corequisites:**

- GLG201

May not be repeated for credit

**GLG303. Geomorphology. 4 Credits.**

Overview of surficial geological processes and how they control landscapes evolution. A geological investigation of hillslopes, rivers, deserts, glaciers, coasts, and oceans with an emphasis on local and regional landscapes and environmental implications. COURSE FEE.

**Attributes:**

- Field Study
- Civic Engagement
- Practicum - Non-Clinical
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GLG201 Minimum Grade of C- or GLG 220 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May not be repeated for credit

**GLG305. Paleontology. 4 Credits.**

Principles and methods in the study of fossils; morphology, classification and evolution, ecologic relationships between organisms and sedimentary systems, geographic distribution, and stratigraphic range.

Field trips.

**Attributes:**

- Field Study
- Practicum - Non-Clinical
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GLG 301 Minimum Grade of C- or GLG202 Minimum Grade of C-

May not be repeated for credit

**GLG311. Mineralogy and Crystallography. 4 Credits.**

Basic elements of solid internal and external crystallography and principles of crystal chemistry and geochemistry. Properties, occurrence, geochemistry, and hand specimen identification of the more common economic and rock-forming minerals. Field trips. COURSE FEE.

**Attributes:**

- Field Study
- Practicum - Non-Clinical
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHE201 Minimum Grade of C-
- GLG201 Minimum Grade of C- or GLG 220 Minimum Grade of C-

May not be repeated for credit

**GLG313. Optical Mineralogy. 3 Credits.**

Theory of the transmission of polarized light through crystalline solids.

Use of the polarizing microscope in mineral identification. Optical properties of the common rock-forming minerals.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Corequisites:**

- GLG311

May not be repeated for credit

**GLG314. Petrology. 4 Credits.**

Study of the igneous, metamorphic and sedimentary rocks that form the solid earth. Rock composition, classification, distribution and origin. Volcanic, tectonic and other environments of rock formation. Phase diagrams, age dating, and rock chemistry. Laboratory microscope study of thin sections. Field trips. COURSE FEE.

**Attributes:**

- Field Study
- Practicum - Non-Clinical
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- CHE202 Minimum Grade of C-
- GLG311 Minimum Grade of C-

May not be repeated for credit

**GLG331. Stratigraphy-Sedimentation. 4 Credits.**

Stratified rocks, their formation today as clues to the formation of similar rocks in the past, their local descriptions, their correlation in a regional and world-wide framework, and the principles and methods used in interpreting the geologic history they record. Laboratory and field methods in the study of sedimentation, sedimentary rocks and stratigraphic successions found in outcrops. COURSE FEE.

**Attributes:**

- Field Study
- Creative Works
- Critical Thinking Intermediate
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GLG 301 Minimum Grade of C- or GLG202 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May not be repeated for credit

**GLG334. Principles of Oceanography. 4 Credits.**

The physical, chemical, geological, biological, and economic aspects of the science of oceanography; properties of seawater, ocean dynamics, coastal processes, marine sediments, sea-floor spreading, and continental drift, sea life fisheries, petroleum and the sea, marine technology, etc. Field trips. Laboratory.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**GLG339. Natural Resources and Energy. 3 Credits.**

Relation of the production of energy and its environmental impact on the finite nature of our natural resources. Review and critical evaluation of past, present, and future energy technologies.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GLG201 Minimum Grade of C-
- CHE201 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C- or MAT241 Minimum Grade of C-

May not be repeated for credit

**GLG346. Environmental Impact Assessment. 3 Credits.**

Study of the ways by which man's impact on nature and the environment is assessed and evaluated. Aspects of Environmental Impact Statements that are of significance to environmental geology, including air quality, meteorology, water quality, hydrogeology, land use, waste management, energy use and conservation.

**Attributes:**

- Civic Engagement
- Creative Works
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GLG205 Minimum Grade of C- or (GLG201 Minimum Grade of C- or GLG 220 Minimum Grade of C-)

May not be repeated for credit

**GLG393. Geological Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**GLG399. Modular Course. 0 Credits.**

May be repeated for credit

**GLG405. Structure and Tectonics. 4 Credits.**

Study of the structure and deformation of the Earth's crust. Includes rock mechanics, faulting, fabric, geometric analysis, diapirism, and tectonics. Laboratories cover geologic map interpretation, use of spherical projections, and field work. Field trips. COURSE FEE.

**Attributes:**

- Field Study
- Practicum - Non-Clinical
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GLG201 Minimum Grade of C- or GLG 220 Minimum Grade of C-
- GLG331 Minimum Grade of C-
- PHY201 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May not be repeated for credit

**GLG407. Hydrogeology. 4 Credits.**

Physical properties of groundwater flow, well hydraulics, water quality, the occurrences and distribution of groundwater, and to refine general quantitative and computer skills. COURSE FEE.

**Attributes:**

- Field Study
- Civic Engagement
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GLG201 Minimum Grade of C- or GLG 220 Minimum Grade of C-
- PHY201 Minimum Grade of C-
- CHE201 Minimum Grade of C-
- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May not be repeated for credit

**GLG435. Field Geology. 4 Credits.**

Problems and methods of geologic field study. Use Brunton and Silva compasses, GPS units, field data collection and analysis, solving of geologic field problems, construction of a geologic map, and report writing. Primarily taught in the field.

**Attributes:**

- Field Study
- Practicum - Non-Clinical
- Creative Works
- Research
- Critical Thinking Advanced
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GLG 338 Minimum Grade of C-\* or GLG405 Minimum Grade of C-\*

\* May be taken at the same time

May not be repeated for credit

**GLG446. Paleoclimatology. 3 Credits.**

Earth's climate change history from the records of ocean sediments, glacial ice, and other sources. Investigation will include geochronology techniques, mechanisms for gradual and abrupt climate changes, and implications for future climate variability.

**Attributes:**

- Field Study
- Civic Engagement
- Practicum - Non-Clinical
- Creative Works
- Liberal Arts

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Earth Science (442)
  - Earth Science B-6 (601T)
  - Environmental Geochem Science (519)
  - Environmental Geochem Science (EGS)
  - Geology (510)
  - Geology (GLG)

**Prerequisites:**

- GLG303 Minimum Grade of C- or GLG331 Minimum Grade of C- or EGS370 Minimum Grade of C-

May not be repeated for credit

**GLG475. Geology Research Project 1. 3 Credits.**

Students will undertake a two semester research project, under the guidance of a faculty mentor, focusing on a detailed examination of a real world environmental problem. The project will culminate in a written document and an oral presentation in the Senior Seminar.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Environmental Geochem Science (519)
  - Geology (510)

May not be repeated for credit

**GLG476. Geology Research Project 2. 3 Credits.**

Continuation of GLG475.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Environmental Geochem Science (519)
  - Geology (510)

**Prerequisites:**

- GLG475 Minimum Grade of C-

May not be repeated for credit

**GLG481. Field Excursion (1-3). 1-12 Credits.**

Geology of a selected area of North America. Readings and discussions of the detailed tectonic and petrological evolution of selected classical geologic areas. Field excursions to type areas. May be repeated for credit provided listed topic changes. COURSE FEE APPLIES TO SOME SECTIONS.

**Attributes:**

- Field Study
- Int Domest Travel Exchange
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**GLG490. Seminar in Geology (2-4). 0 Credits.**

Current problems and projects in geology. Developing ability to evaluate evidence critically and to understand current geological literature.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**GLG491. Honor's Research. 4 Credits.**

Individual advanced research in geology. Students are expected to complete a research thesis in consultation with instructor and chair.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**GLG492. Research in Geology (1-4). 1-12 Credits.**

Laboratory or field research project to be completed in consultation with a geology faculty member in accord with the department guidelines for research.

**Attributes:**

- Field Study
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**GLG493. Geological Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**GLG494. Fieldwork In Geology. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**GLG495. Indep Study Geology. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**GLG499. Modular Course. 0 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

## German (GER)

**GER101. Elementary German I. 3 Credits.**

First half of a foundation course. Introduction to German, for students with little or no previous knowledge of the language. Fundamentals of speaking, listening, reading and writing. Basic grammatical concepts and some cultural information about the German-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 1
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 1

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**GER102. Elementary German II. 3 Credits.**

Second half of a foundation course. Continuation of Elementary German I. Further fundamentals of speaking, listening, reading and writing. Further basic grammatical concepts, such as additional tenses and modes, plus additional cultural information about the German-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 2
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 2

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- GER101 Minimum Grade of D- or German Language Placement Minimum Score of 1

May not be repeated for credit

**GER193. German Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**GER199. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**GER201. Intermediate German I. 3 Credits.**

Work in German to improve listening, reading, writing and speaking skills. Provides an overall grammar review with the introduction of more advance structures to enhance students' active use of German, especially in the areas of conversation (listening and speaking) and writing. Analysis of readings and other media on culturally significant topics.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- GER102 Minimum Grade of D- or German Language Placement Minimum Score of 2

May not be repeated for credit

**GER202. Intermediate German II. 3 Credits.**

Provides an overall grammar review that seeks to enhance students' active use of German, especially in the areas of conversation (listening and speaking) writing. Further intermediate-level conversation, composition and analysis of readings and other media in German on culturally significant topics.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- GER201 Minimum Grade of D- or German Language Placement Minimum Score of 3

May not be repeated for credit

**GER293. German Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**GER295. Indep Study German. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**GER299. Modular Course. 0 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit



**GER311. German Comp and Conver 1. 3 Credits.**

Intensive practice in conversation and free composition with emphasis on functional grammar and vocabulary building.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GER201 Minimum Grade of D-

May not be repeated for credit

**GER312. German Comp and Conver II. 3 Credits.**

Continuation of GER311.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- GER311 Minimum Grade of D-

May not be repeated for credit

**GER316. Germany Today. 3 Credits.**

A close look at contemporary social, political, economic, environmental and cultural issues in Germany following the unforeseen opening of the Berlin Wall and subsequent reunification in 1990.

**Attributes:**

- Effective Expression/Oral
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Area

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**GER317. Love, Desire, and the Uncanny in Classical German Literature in English. 3 Credits.**

Extra-marital sex, suicide and mental instability appear with startling frequency as prime topics in "classic" German literature of the later 18th and 19th centuries. This course offers a survey of representative German literature from this time. Readings and classes conducted in English.

**Attributes:**

- Effective Expression/Oral
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**GER318. 20th-Century German Literature in English. 3 Credits.**

Twentieth-century Germany offers a rich political, cultural, and socio-historical landscape for literary production. This course explores the ruptures, renewals, and reconstructions of German identity in the literature of this long century. All readings and classes are conducted in English.

**Attributes:**

- Effective Expression/Oral
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**GER319. Women In German Lit&Film. 3 Credits.**

This course explores the representation of women in literature and film from the German-speaking world. A variety of critical perspectives contextualize the cultural, historical, psychological, and sexual content of these works. All readings and classes are in English.

**Attributes:**

- Effective Expression/Written
- Ethical Reflection
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**GER320. The Jews Of Germany. 3 Credits.**

This course takes an interdisciplinary approach to the historical, literary, cultural, political, and artistic contributions that German Jews have made to the German-speaking world and beyond from the Middle Ages to the present. It examines German-Jewish identity as it is both self-conceived and constructed by others.

**Attributes:**

- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Aw

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**GER321. German Cinema. 3 Credits.**

A survey of German film from expressionism in early Weimar Cinema to the present day Neo-realism of the Berlin School. Emphasis will be placed on the interpretation and analysis of film as an art form approached through socio-historical and cultural-political categorizations of German cinema over the past 100+ years.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**GER393. German Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**GER399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**GER493. German Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**GER494. Fieldwork In German. 1-8 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**GER495. Indep Study German. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Hebrew (HEB)****HEB101. Elementary Hebrew 1. 3 Credits.**

First half of a comprehension-based foundation course. Introduction to Hebrew, for students with little or no previous knowledge of the language. Fundamentals of speaking, listening, reading and writing, and learning the Hebrew alphabet. Basic grammatical concepts and some cultural information about the Hebrew-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 1
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 1

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**HEB102. Elementary Hebrew II. 3 Credits.**

Second half of a comprehension-based foundation course. Continuation of Elementary Hebrew I. Further fundamentals of speaking, listening, reading and writing. Further basic grammatical concepts, including additional tenses, commands, and voices, plus additional cultural information about the Hebrew-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 2
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 2

**Prerequisites:**

- HEB101 Minimum Grade of D- or Hebrew Placement Level Minimum Score of 1

May not be repeated for credit

**HEB193. Hebrew Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**HEB293. Hebrew Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**HEB295. Indep Study Hebrew. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**HEB393. Hebrew Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**HEB399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**HEB493. Hebrew Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**HEB494. Fieldwork In Hebrew. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HEB495. Indep Study Hebrew. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

## History (HIS)

**HIS151. American Heroes. 3 Credits.**

Will consider the place of heroes in United States history. In doing so, will contrive definitions of 'heroism' and seek to understand how and why Americans have historically defined 'their heroes.' .

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- Systematic Inquiry
- GE3: USST
- GE4: United States Studies
- GE5: US History Civic Engmnt

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Freshman
- Must not be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Social Studies (445)
  - Childhood Education 1-6 (630)
  - History (532)
  - History B-6 (601H)

May not be repeated for credit

**HIS161. Youth Culture in Europe. 4 Credits.**

Examines the changing role of youth in European society over time, the gendering of youth as male until the 20th century, and the shifting culture of this group from arbiters of social control to revolutionaries.

**Attributes:**

- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must be enrolled in the following class: Freshman

May not be repeated for credit

**HIS193. History Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Social Studies (445)
  - History (532)

May be repeated for credit

**HIS199. Modular Course. 0 Credits.****Restrictions:**

- Must not be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Social Studies (445)
  - History (532)

May be repeated for credit

**HIS200. Ancient World. 4 Credits.**

Analysis of the major cultures of ancient Europe, Asia, and Africa. Each culture is considered first in its own context, and then with reference to how, when, and with what consequences ancient cultures and/or states affected one another.

**Attributes:**

- Critical Thinking Introductory
- Effective Expression/Written
- Information Mgmt Intro
- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

**HIS203. History of Ancient Greece. 3 Credits.**

History of ancient Greece to the end of the Hellenistic period.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**HIS207. Medieval Europe. 4 Credits.**

Rise of Christianity to the invention of the printing press. The synthesis of Roman and Germanic cultures, social organization, and interaction between Christianity and non-Christian cultures.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- Systematic Inquiry
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Aw

May not be repeated for credit

**HIS214. Modern Europe. 4 Credits.**

An analysis of European political, social, and economic development, as well as interactions with the rest of the world, from the Reformation to the present.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- Systematic Inquiry
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Aw

May not be repeated for credit

**HIS215. China to 1800. 3 Credits.**

Chinese history and culture from earliest times through the Ming Dynasty (1368-1644), including aspects of politics, economics, social structure, religion, philosophy, folk culture, and literature.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts

May not be repeated for credit

**HIS216. Modern China. 4 Credits.**

Chinese history and culture from the Qing dynasty (1644-1911) through contemporary times.

**Attributes:**

- Critical Thinking Introductory
- Effective Expression/Written
- Information Literacy (GE3)
- Information Mgmt Intro
- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

**HIS221. US History to 1865. 4 Credits.**

Beginning with colonial roots, traces the growth of the American Republic from its birth in the War for Independence to its testing under forces of sectionalism in the Civil War.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- Systematic Inquiry
- GE3: USST
- GE4: United States Studies
- GE5: US History Civic Engmnt

May not be repeated for credit

**HIS222. US History Since 1865. 4 Credits.**

From the aftermath of the Civil War to the 21st century, this course explores the social, political, and cultural changes of the period; the interactions of race, class, and gender in U.S. history; and the roles of U.S. influence and power around the world.

**Attributes:**

- Critical Thinking Introductory
- Effective Expression/Written
- Ethical Reflection
- Information Mgmt Intro
- Liberal Arts
- GE3: USST
- GE4: United States Studies
- GE5: US History Civic Engmnt

May not be repeated for credit

**HIS243. Middle East to 1798. 4 Credits.**

The history of the Middle East to the invasion of Egypt by Napoleon in 1798, concentrating on the emergence of Islam and the development of Muslim culture and societies.

**Attributes:**

- Liberal Arts
- Systematic Inquiry
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

**HIS244. Middle East Since 1798. 4 Credits.**

The history of the Middle East from the invasion of Egypt by Napoleon in 1798 to the present, concentrating on the effects of increased interaction between Middle Eastern countries and the West.

**Attributes:**

- Liberal Arts
- Systematic Inquiry
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**HIS277. LTN AM History to 1825. 4 Credits.**

Development of Latin America by the Spaniards and Portuguese to the end of the movement for independence (1830). Political, economic, and cultural phases of colonial development.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

**HIS278. Ltn AM History Since 1825. 4 Credits.**

Development of Latin America from the end of the struggle for independence to the present. Political, social, economic, and diplomatic aspects. Case studies of specific problems of the nations.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

**HIS285. American Civilization. 3 Credits.**

Examines the history of American Studies as an interdisciplinary approach to studying American culture. Presents a wide variety of scholarly methods for investigating the many pasts of the United States.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**HIS293. History Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**HIS295. Indep Study History. 1-12 Credits.**

May be repeated for credit

**HIS299. Modular Course. 0 Credits.**

May not be repeated for credit

**HIS300. Historian's Craft. 4 Credits.**

An introduction to the techniques, conventions, practices, and methodologies of history as an academic discipline. Students will learn how historians create meaning from the past and gain an understanding of how to conduct historical research.

**Attributes:**

- Research
- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Social Studies (445)
  - History (532)
  - History (HIS)
  - History B-6 (601H)

May not be repeated for credit

**HIS302. American Immigration. 3 Credits.**

Examines the causes and impacts of immigration to the U.S., especially the roles of race, gender, and labor on individual and group experiences. The course stretches from the 18th century to the 21st century, with emphasis on political, legal, and social forces.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS303. The Empire State. 3 Credits.**

Surveys New York State's growth from beginning to present emphasizing the changing character of its people, society, economy and government.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): History B-6 (601H)

May not be repeated for credit

**HIS305. Women in Early Modern Europe. 3 Credits.**

Women in European history from the Middle Ages to the present, concentrating on women and work, love and sexuality, courtship and marriage, legal issues, women and reform, and the growth of feminist consciousness.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS306. Progressive Era. 3 Credits.**

Study of selected social, cultural, and political themes in American history during the Progressive Era (c. 1890-1932) and their conflicting interpretations.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS307. The History of Women in the United States. 3 Credits.**

History of women in the United States with attention to racial, economic, and geographic distinctions and with an emphasis on the 19th and 20th centuries.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- GE3: USST
- GE4: United States Studies
- GE5: US History Civic Engmnt

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS308. Indians of New York State. 3 Credits.**

A history of the Native Americans of New York state from contact to the present. Special attention will be given to the Iroquois, Delaware, Mohican and Long Island Indian experiences.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): History B-6 (601H)

May not be repeated for credit



**HIS309. Indians of the United States. 3 Credits.**

History of Native American nations and peoples before colonization through the present in the territory that will become the United States and with emphasis on the 19th and 20th centuries.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS310. Indians of the Eastern Woodlands. 3 Credits.**

A history of the Native Americans east of the Mississippi from contact to the present. Special attention will be given to the Cherokee, Choctaw, Huron, Iroquois Confederacy, Lumbee, Shawnee, Stockbridge and Wampanoag experiences.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS311. Modern Germany. 3 Credits.**

Evolution of Germany since the French Revolution, the establishment of the German empire, the Weimar Republic, the Nazi regime, and the post-World War II division of Germany.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**HIS312. Alexander the Great & the Hellenistic World. 3 Credits.**

Survey of the life and career of Alexander the Great, as well as the unique Hellenistic world that came about as a result of his conquests; also cover scholarly debates about Alexander.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS313. Religion and Power in the Ancient Near East. 3 Credits.**

An exploration of the world of Mesopotamia and its environs through the lens of religion and power structures. Covers the Bronze and Iron ages (appx. 3000-350 BCE), including Akkadians, Hittites, Assyrians, Babylonians, Jews and Persians.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS314. Roman Empire. 3 Credits.**

A study of the formation, maintenance, and operation of the Roman Empire, with a particular focus on the end of the late Republic to the reign of Constantine (c. 70 BCE-325 CE).

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS316. Gender and Sexuality in Classical Antiquity. 3 Credits.**

Explores the social, religious, and political function of gender and sex in ancient Greece and Rome by examining the roles of men, women, and sex through daily life, art, and literature.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS317. World War II. 3 Credits.**

Survey of military, political, social and cultural history of World War II from the viewpoint of world history.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS318. Europe Since 1945. 3 Credits.**

An exploration of contemporary European history from the end of World War II to the beginning of the twenty-first century. Themes include: the reconstruction of Europe, the Cold War, decolonization, European unification, and the fall of Communism.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS319. Americanization of Europe. 3 Credits.**

An exploration of the world-wide phenomenon of "Americanization" as it manifested itself in Europe throughout the twentieth century. Topic considered include: democratization, the development of consumer societies, popular culture, and America's influence on national and other collective identities.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS321. Colonial America. 3 Credits.**

Social, political, and cultural development of early American communities (1607-1763).

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS322. The American Revolution. 3 Credits.**

Treats the Revolution as a bridge between the colonial inheritance and an independent republic. Focuses on the causes of the Revolution, the war, and the nation's character under the 1787 Constitution.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS323. Jacksonian America. 3 Credits.**

Examines American history during Andrew Jackson's lifetime; topics include the birth of new political parties, the death of Davy Crockett at the Alamo, the dawn of a new nation, and the fall of national unity.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS324. American Civil War. 3 Credits.**

Social, economic, cultural and political context within which Civil War came about. Analysis of slavery, racial attitudes, capitalism, ideology, nationalism and power, violence and change.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS325. History of New York City. 3 Credits.**

A narrative history of New York City from contact between Native Americans and European explorers through the present. Political and economic history will provide the background for New York's social and cultural history.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS326. US South to 1897. 3 Credits.**

Investigates the historical development of the region which came to be the United States South through the rise and demise of Populism. Other topics include what it has meant to be 'Southern' slavery 'Indian' removal.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **HIS327. American Social and Cultural History to 1876. 3 Credits.**

Inquiry into the character of American society and culture. Focus on cultural interaction; gender relations; developments in religion, slavery, industrialization, and descriptions of the growing United States.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **HIS328. American Social and Cultural History: 1877 to Present. 3 Credits.**

American values as expressed in institutions, politics, literature and social behavior. Impact of industrialization, urbanization, and immigration on the American people.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **HIS329. Postwar America. 3 Credits.**

Domestic and international developments resulting from the rise of the United States to global power. Emphasis on the origins and development of the Cold War, McCarthyism, and Vietnam. Analyzes the effects of American affluence on occupational and class structure, education, religion, political and social behavior. The emergence in the 1960's of the Civil Rights Movement, the New Left, and the counterculture and recent developments placed in historical perspective.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **HIS330. Staging China. 3 Credits.**

Examines the development of ideas about national culture and identity in modern China through the history of changing forms and practices in theater, entertainment, and politics.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **HIS331. Chinese Cinema. 3 Credits.**

Traces the history of film in China, Hong Kong, and Taiwan, with attention to key thematic concerns such as individualism and collectivism, tradition and modernity, imperialism and nationalism, war and revolution, and the representation of history in film.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **HIS332. U.S. Since Watergate. 3 Credits.**

Cultural, political, economic, and social changes in the U.S. since 1974, including electoral and grassroots politics, the cultural and economic impact of globalization, the role of the U.S. in world affairs, and the everyday lives of Americans.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in one of the following classes: Sophomore, Freshman

May not be repeated for credit

### **HIS333. Soviet Union. 3 Credits.**

Development of the Soviet Union from an agrarian country to an industrial state. Methods and achievements of the Bolshevik leaders and the Communist Party; factors making the Soviet Union a leading world power and leading to its demise.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **HIS334. Gandhi. 3 Credits.**

Political, economic, and cultural history of South Asia in 1857-1947; focusing on the life and thought of M.K. Gandhi, and influential and controversial social reformer/politician in British India.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS335. Modern Japan. 3 Credits.**

Chronological account of Japanese history and culture from the seventeenth century to modern times, including geography, language, religion, social structure, government, politics, economy, trade, foreign policy, and defense.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS336. Religions of Asia. 3 Credits.**

A comparative study of the histories of Buddhism and other religions of eastern and southern Asia. Topics include religious beliefs and their impact on the societies and cultures of, especially, China, India, and Japan.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS337. Ancient India. 3 Credits.**

Provide a comprehensive survey of the history of the Indian subcontinent until 1200 CR with particular focus on historical continuity/disjuncture in the history of religious practices and ideas and the emergence of political forms in pre-colonial India.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS338. British India. 3 Credits.**

Explores political, economic, and cultural history of South Asia between ca. 1500-1947 with special focus on the British colonization of India and the movement to the Independence.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS339. Indian Ocean World. 3 Credits.**

Explore the economic and cultural history of the Indian Ocean Worlds (Arabia, Gulf India, S.E. Asia and S. China) from the prehistoric period to ca. 1850 CE by examining textual, epigraphic and archaeological sources.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS340. Iran. 3 Credits.**

Investigates the historical development of Iran from the rise of the Persian Empire to the present. Topics include state formation, empire building, state-society relations, foreign invasions, Islam, the impact of modern imperialism, modernism v. traditionalism, patriarchal institutions, and women's rights.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS342. Arab Mid East 2. 3 Credits.**

Surveys the history of the Arab Middle East from the formation of the Islamic Empire; topics include the life of Arab Muslim societies, the Ottoman Age, impact of European Empires, legacy of colonialism, politics of nationalism, oil, and the challenge of political Islam.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS343. History of Islam and the Middle East 570-1918. 3 Credits.**

An introduction to the history of the Middle East from the time of Muhammad to the end of the Ottoman Empire, concentrating on the Muslim religion, and the emergence and development of Muslim culture and societies.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS344. The Middle East in the 20th Century. 3 Credits.**

An introduction to the diverse history, societies and peoples of the Middle East since World War I, and the impact of imperialism and nationalism on Muslim societies and culture.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS346. The Black Death. 3 Credits.**

The initial fourteenth-century outbreak of the bubonic plague killed one third of the European population. Its reappearance kept the population low and had a profound impact on economic, social, cultural, and religious development.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS348. Medieval Society. 3 Credits.**

Changes in the social organization of Medieval Europe. How peasants, nobles, townspeople, and monks and nuns lived and died.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS349. Renaissance and Reformation. 3 Credits.**

The Renaissance, its relation to the Reformation, and causes and effects of both movements.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS350. Early Modern Europe. 3 Credits.**

Examination of pre-industrial, agrarian European society, family structures, demography, towns, rise of national bureaucracies, and the European overseas expansion of the seventeenth and eighteenth centuries.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS351. The Enlightenment. 3 Credits.**

Students will seek to understand the European Enlightenment through intensive writing assignments focusing on the ideas and methods of the eighteenth century intellectual movement.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS352. Science, Magic, and Religion in the 17th c.. 3 Credits.**

Seventeenth-century Europeans relied on three interconnected but competing ways of thinking to understand nature, man and society: Science, Magic, and Religion. The tumultuous 1600's in Europe saw conflict and cooperation between the three epistemologies through major events like the scientific revolution, witch hunts, and the late Reformation.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS353. Twentieth-Century Europe. 3 Credits.**

Study of Europe since 1890: imperialism, the world wars, fascism, communism, genocide, the European Economic Community, and the communist regimes in eastern Europe.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS354. Early Modern Cities. 3 Credits.**

The economic, religious, and political origins of cities in Europe, the development of court and trade centers, and the social and cultural history of cities as they grew through the early modern era.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS355. Medieval Towns. 3 Credits.**

The medieval foundations of modern urban dynamics. Topics include: Rome's legacy; Post year-1000 markets, governmental structures, regulation, universities; Physical space, cathedral building and other structures; High medieval maturation, guilds, and urban vendettas; late medieval morphology.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS357. History of England From 1485-1815. 3 Credits.**

The rise of the Tudor monarchy, the Anglican revolt, the struggle for constitutional government, the first overseas empire, and the economic evolution of England to the end of the Napoleonic Wars.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS358. Modern Britain. 3 Credits.**

Examines the history of Britain from the reign of George III (1760-1820) to the dissolution of the second British Empire at the end of World War II, focusing on the century between the defeat of Napoleon and the beginning of the "Great War" in 1914.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS360. Modern Spain. 3 Credits.**

Social, political, cultural history of Spain since the Napoleonic invasion. Topics include the Second Spanish Republic, the Civil War, the Franco era, the transition to democracy, and Spain's place in contemporary Europe.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS362. Medieval Spain. 3 Credits.**

Explore the complexities of life in medieval Iberia: Romans and Visigoths; Muslim, Christian, and Jewish encounters; castle-building and vengeance-taking; Ferdinand, Isabella, and Columbus; a nation state emerging from disparate kingdoms and counties.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS363. Inquisition. 3 Credits.**

Belief; practice; enemies; circumstance - which makes a "depraved heretic"? Black Legend; witchcraft; killer-inquisitors - which is real and which fantasy? What do inquisitions tell us about our present? (Think Abu Ghraib, but much else.)

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS365. Jihad and Crusades. 3 Credits.**

Were the medieval crusades an exemplary Christian project or a series of conquest failures? We investigate religious zeal (jihad and holy war) and the political ambition that activated both Muslim and Christian sides of the fighting.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS367. Business and Society. 3 Credits.**

Study of the formation of American business institutions emphasizing social and political values from the merchant capitalists to the multinational corporation.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit



**HIS369. Ancient Israel. 3 Credits.**

Ancient Israel from the Patriarchal period (ca. 1800 B.C.E.) to the first Roman-Jewish War (66-73 C.E.). Information from the archaeological research, readings in the Bible, and analysis of evidence from contemporary extra-Biblical sources, e.g. Canaanite, Moabite, Assyrian, Babylonian, Roman.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS370. Bible: Myth and History. 3 Credits.**

What is the Bible and how did it come to be written? May it be used as a source for history? What is the relationship between mythology and history? We will analyze a number of early biblical stories with these questions in mind.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS371. Jews in the Middle Ages. 3 Credits.**

The Jews from the Roman Period to the Renaissance, including life under Christianity and Islam, the continuing diaspora of the medieval Jewish community, and the beginnings of modern Jewish life.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS373. The Holocaust. 3 Credits.**

Brief survey of the status and condition of European Jewry before World War II and analysis of the antisemitic movements with particular attention to the theory and practice of the Nazis. Detailed study of the stages in the destruction of European Jewry with comparisons of the course of the Holocaust in various countries and the different reactions of different Jewish and non-Jewish communities.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS376. Environmental History of Latin America. 3 Credits.**

The history of the relationship between human society and the natural world in Latin America, from the Ice Age hunters to present. Topics include the biological impact of European conquest, deforestation, climate change, and environmental justice.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS377. History of Mexico. 3 Credits.**

Introduction to the history of the nation of Mexico from its Native American origins through European contact and the introduction of African peoples and cultures through the present day. The narrative will be chronological with concentration on themes, institution, and people which have been the most significant in the making of the story.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS378. Latinos(as) in the United States. 3 Credits.**

Introduction of emigrant groups from Latin America (Mexico, the Caribbean, Central and South America) and the impact of each group of U.S. culture and institutions, as well as the U.S. impact on their cultures.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS379. US Foreign Policy Since 1898. 3 Credits.**

The impact and consequences of changing ideologies and practices of US foreign policy from the Spanish American War to the present.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS380. US Military History. 3 Credits.**

Describes and analyzes the history of American military policy since the colonial period to the present, including the role military affairs in national security strategy, the conduct of war in a democracy, the evolution of military professionalism, and the influence of American society upon the armed forces as social institutions.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS381. Prisons and Prisoners in the US. 3 Credits.**

History of prisons as institutions of reform and repression from the early 19th century onward, with major shifts coinciding with and responding to structural shifts in the meanings of race and racism, changes in the national and global economy, and other factors.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS383. Religion in the United States. 3 Credits.**

A historical survey of the role of religion in American life and thought, with emphasis upon the quest for liberty of conscience and worship, utopianism, and the relation between religion and modern secular culture.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS384. American Nationalisms. 3 Credits.**

Examines the ways different peoples from outside the white Anglo-Saxon Protestant stereotype imagined themselves as Americans in the nineteenth and twentieth centuries in order to understand the development of American identity then and now.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS385. The Gilded Age. 3 Credits.**

This course examines momentous cultural and social changes in the U.S. from 1865 to 1900. Topics include the "new woman," the rise of the corporation, debates over the nature of American national and racial identity.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS386. U.S. South Since 1877. 3 Credits.**

Explores the U.S. South since the Civil War both as a unique regional society and as the "region" of American culture most concerned with racial and national identity. Emphasizes music, film, and the uses of history.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS393. History Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**HIS399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**HIS407. Intellectual History of 19th-Century Europe. 3 Credits.**

Examines the work and careers of key writers of the period, such as Marx, Nietzsche, Hegel, Mill, and Darwin, and the impact of their thinking.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS408. Intellectual History of 20th-Century Europe. 3 Credits.**

An exploration of modern European intellectual thought, from modernism at the end of nineteenth century to postmodernism at the end of the twentieth century. Possible readings include: Kafka, Eliot, Freud, Woolf, Sartre, and Foucault.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS413. The American West. 3 Credits.**

Selected topics in the history of the trans-Mississippi West. The American West as symbol and myth. The significance of continental expansion of American nationality, political, economic, and social development.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS461. Hudson Valley Culture. 3 Credits.**

Introduction to the Hudson Valley as a cultural milieu in the colonial, revolutionary, and early national periods of American history. An examination of the lives, thought, and works of Hudson Valley figures and their contributions to American thought and culture.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS467. The United States in Vietnam. 3 Credits.**

The origins, nature and consequences of America's involvement in Vietnam.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS470. Age of "Discovery" 1415-1780. 3 Credits.**

This course tracks the "discovery" by Europeans of other parts of the globe, 1415-1780. Intellectual, economic, social, and political consequences of the increasingly intense interaction between Europeans, particularly the English and the Spanish, and peoples of other regions. The course concentrates on the Atlantic World, but includes the eastern hemisphere.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Social Studies (445)
  - History B-6 (601H)

May not be repeated for credit

**HIS480. Women in China. 3 Credits.**

Analyzing the meaning of "woman" in China from late Ming to the present, this course sharpens critical skills in thinking about gender differences and deepens understanding of modern China's culture and society.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HIS491. Community, Memory, and Historical Practice: Internship Seminar. 1 Credit.**

This seminar-style course considers the practice of public history and questions of how public historical sites, museums, etc. present the past to the general community. Must be taken with HIS494.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Corequisites:**

- HIS494

May be repeated for credit

**HIS492. Seminar in History. 4 Credits.**

Training in historical research methods through the critical reading of historical materials, primary research on selected topics, and the presentation of reports. Repeatable.

**Attributes:**

- Research
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Social Studies (445)
  - History (532)
  - History B-6 (601H)

**Prerequisites:**

- HIS300 Minimum Grade of C-
- ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May be repeated for credit

**HIS493. History Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**HIS494. Fieldwork in History. 1-12 Credits.**

Students will hold an internship at a local historical site or organization and will work on individual projects, in consultation with the course instructor and the site supervisor. Can register for 2-3 credits; must also be registered for HIS491.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Corequisites:**

- HIS491

May be repeated for credit

**HIS495. Indep Study History. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**HIS496. History Honors Thesis I. 3 Credits.**

Independent study and writing of a thesis under the supervision of faculty. Successful completion of HIS496 and HIS497 with a minimum grade of B+ in each semester enables students to graduate with Honors in History, a distinction that appears on the College transcript.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): History (532)

May not be repeated for credit

**HIS497. History Honors Thesis II. 3 Credits.**

Independent study and writing of a thesis under the supervision of faculty. Successful completion of HIS496 and HIS497 with a minimum grade of B+ in each semester enables students to graduate with Honors in History, a distinction that appears on the College transcript.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): History (532)

**Prerequisites:**

- HIS496

May not be repeated for credit

**Honors (HON)****HON201. The Individual and Society. 3 Credits.**

Investigates the relationship between the individual and society through discussion of the philosophic, literary, and historical aspects of major texts.

**Attributes:**

- Effective Expression/Oral
- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

May be repeated for credit

**HON202. Work. 3 Credits.**

Learning to do a job is one thing; learning to appropriate and affirm meaningful work for oneself is another. A focus on the broad concept of work invites consideration of a range of conceptual and policy-related questions.

**Attributes:**

- Diversity
- GE3: DIVR
- Effective Expression/Written
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**HON203. What Causes Cancer?. 3 Credits.**

There is no simple answer to the question of what causes cancer. Cancer is not a single thing; it manifests itself differently in each individual. After an introduction to the basic science necessary for understanding the development of cancer, a series of popularly held beliefs regarding cancer causation will be critically analyzed. With these examples as a foundation, students will research and report on a topic on their own choice.

**Attributes:**

- Information Literacy (GE3)
- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**HON293. Selected Topics Honors. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

May be repeated for credit

**HON295. Honors Indep Study. 1-12 Credits.****Attributes:**

- Liberal Arts

May be repeated for credit

**HON303. Education and Poverty. 3 Credits.**

This course offers an interdisciplinary exploration of poverty -- its causes, consequences, representation in public discourse, and complicated relationship to schooling.

**Attributes:**

- Diversity
- GE3: DIVR
- Effective Expression/Oral
- Effective Expression/Written
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HON309. 20th Century Word and Image. 3 Credits.**

Approaches the "sister arts" of poetry and painting from a variety of angles asking how poets and artists make meaning in language and in visual form.

**Attributes:**

- Effective Expression/Oral
- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- Liberal Arts

May not be repeated for credit

**HON315. Modern Self and Society. 3 Credits.**

An exploration of the origins, evolution, and contemporary significance of modern intellectual thought, from the triumph of classical liberalism in the nineteenth century to challenges of postmodernism in the mid-twentieth century. Borrowing from the fields of Literature, Philosophy, History, and Psychology, the seminar will provide a chronological examination of major works that both construct and critique the modern self and society.

**Attributes:**

- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- Liberal Arts

May not be repeated for credit

**HON316. Debates in U.S. History. 3 Credits.**

An exploration of selected and pivotal topics in the history of the United States from the colonial period through today. Politics, economics, society, and culture will be examined focusing on primary source documents and images.

**Attributes:**

- Ethical Reflection
- Liberal Arts
- GE3: USST
- GE4: United States Studies
- GE5: US History Civic Engmnt

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**HON317. Modern Western Aesthetic Theory. 3 Credits.**

Investigates the nature of aesthetic experience and its historical, philosophical, phenomenological and psychological underpinnings. Explores the concepts of taste, quality and value in works of art and for cultures at large.

**Attributes:**

- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- Liberal Arts

May not be repeated for credit

**HON318. Racism and the Social Sciences. 3 Credits.**

An investigation of the history of race and racism within the social sciences, with a focus on the varied theories of race, racial construction and racial formation as used within social science literature.

**Attributes:**

- Diversity
- GE3: DIVR
- Effective Expression/Written
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HON323. West African History and Perspectives. 3 Credits.**

Discussions and texts will introduce students to theories that inform interpretations of Ghanaian history and culture, identify the most convincing sources and accounts of history, and propose ways to inform citizens about African history.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

**HON325. Origins of "Evil Incarnate: The Grim Adventure". 3 Credits.**

Students will explore how major writers of the Western tradition have considered the role of evil in human experience. Specifically, students will study how our understanding of evil has shaped philosophical, theological, and artistic thinking throughout the ages and across cultures.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**HON371. Education Across Borders. 3 Credits.**

Exploration of the culture and history of selected non-Western countries - initially, China, South Africa, and Afghanistan - and of how the cultural/historical context affects schooling in these countries, past and present.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- Writing Intensive
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**HON372. U.S. Drug Education and Policy. 3 Credits.**

Explores historical, psychological, sociological, legal, and moral perspectives on drug education and policy in the U.S. Develops critical, international, and comparative perspectives on racial, gendered, class-based, and ethnic inequalities in drug policy and enforcement.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- GE3: USST
- GE4: United States Studies

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit



### **HON374. The Materials of History, Thought, and Art. 3 Credits.**

An interdisciplinary seminar in material cultural studies, this course examines how human interactions with objects and the lived environment have shaped culture and intellectual endeavor through time.

#### **Attributes:**

- Information Literacy (GE3)
- Liberal Arts
- Systematic Inquiry
- GE3: WEST
- GE4: Western Civilization

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG 002 Minimum Grade of (D-)

May not be repeated for credit

### **HON375. Doing Race and Gender. 3 Credits.**

Using feminist and critical racial theories we will analyze how gender, race, and class oppression shape the experiences of poor white women and women of color, and how we, as agents of social change, can translate these theoretical insights into methodological strategies to create a more just society.

#### **Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Effective Expression/Written
- Liberal Arts

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **HON376. Indigenous Ways of Knowing. 3 Credits.**

Discussions and texts will introduce students to indigenous perspectives on contemporary social issues, global indigenous knowledge systems, and indigenous critiques of Western thought.

#### **Attributes:**

- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- GE4: World Civilizations
- GE3: WRLD

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **HON377. Cigarettes and Nylons - Postwar Realities in Occupied Germany after World War II. 3 Credits.**

Scholars from various disciplines seek to reevaluate neglected discourses on the Nazi past. The suffering of women as victims of rape, hunger and prostitution has become a contemporary focus in World War II studies. Students must be members of the Honors Program. Students outside the Honors Program may enroll if the class does not fill and at the discretion of the professor.

#### **Attributes:**

- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **HON378. Humans at Play. 3 Credits.**

An exploration of play across the human lifespan in all of its myriad forms, including play's possible functions, subjective experiences, communities, and the influence of culture and technology.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must not be enrolled in the following class: Freshman

### **HON379. Love and Heartbreak. 3 Credits.**

Romantic love is one of the most fundamental aspects – perhaps the most fundamental aspect – of being human. We will explore love and heartbreak as media and literary narratives, psychological phenomena, and lived experience.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **HON381. Ethical Fashion. 3 Credits.**

An interdisciplinary seminar in material culture studies and object-based research through the lens of textiles, dress and the fashion system. This course examines the ethics and sustainability of apparel, consumerism and social responsibility from the personal to the global.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Graduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HON382. Introduction to Sustainability. 3 Credits.**

An exploration of regenerative, just and sustainable strategies for the environment and society.

**Attributes:**

- Liberal Arts
- GE5: World History Global Aw

**Restrictions:**

- Must have the following level: Graduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**HON393. Selected Topics Honors. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

May be repeated for credit

**HON399. Honors Module. 1 Credit.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**HON494. Fieldwork in Honors. 1-12 Credits.**

Fieldwork in Honors.

May be repeated for credit

**HON495. Honors Program Ind Study. 1-4 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Interdisciplinary (INT)****INT101. Communities at New Paltz: Leadership. 1 Credit.**

SUNY New Paltz is the ideal setting to develop as a leader. Whether you've had the opportunity to lead or not, you have talents to contribute. The purpose of this class is to help you apply and maximize your strengths here at SUNY New Paltz. Learning how to be a better leader takes knowledge, skills, and practice, and it requires you to be intentional in how you use and apply your talents.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Freshman

May not be repeated for credit

**INT102. Communities at New Paltz: Healthy Choices. 1 Credit.**

The Certified Peer Educator (CPE) course will provide students with a basic knowledge and practice of wellness. Special topics such as stress management, nutrition and weight management, sexuality, relationships, alcohol & other drugs and physical fitness will be addressed. Emphasis will be placed on decision-making and personal responsibility for one's own health as well as a certification component to educate and inform peers. Upon completion of the course, students will have the option to become Certified Peer Educators equipped to facilitate peer education sessions designed to inform and influence their peers on campus in a healthy way.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Freshman

May not be repeated for credit

**INT103. Communities at New Paltz: Service Learning. 1 Credit.**

This course accompanies the Service Learning community within the Communities at New Paltz program. This "Service Learning" course is a means for enhancing one's understanding of civic responsibility, academic coursework, skills and personal values. Involving the concepts of personal Growth, Volunteerism, Practical Experience, and Community Involvement, students will have an opportunity to explore the varying concepts of service, civic education, and social justice, and its implications for personal, academic, and societal growth. It involves active reflection - drawing lessons from participating in an organized service activity. Students will be asked to consider their sense of self in relationship to the needs in the community. Students will select from a list of local service projects, and will complete each project in a dynamic setting that will encourage their interpersonal development and will closely examine the concept of service for the greater good.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Freshman

May not be repeated for credit

**INT104. Communities at New Paltz: Career Exploration. 1 Credit.**

This course accompanies the Service Learning community within the Communities at New Paltz program. This "Service Learning" course is a means for enhancing one's understanding of civic responsibility, academic coursework, skills and personal values. Involving the concepts of personal Growth, Volunteerism, Practical Experience, and Community Involvement, students will have an opportunity to explore the varying concepts of service, civic education, and social justice, and its implications for personal, academic, and societal growth. It involves active reflection - drawing lessons from participating in an organized service activity. Students will be asked to consider their sense of self in relationship to the needs in the community. Students will select from a list of local service projects, and will complete each project in a dynamic setting that will encourage their interpersonal development and will closely examine the concept of service for the greater good.

May not be repeated for credit

**INT105. Communities:Transfer Students. 1 Credit.**

An experiential learning seminar for first-year transfer students, this one-credit course is designed to accompany the Transfer Student Living Learning Community (TLLC) and is required for all participants. Topics will relate to the transfer student experience within the first year, including but not limited to advising and academic support, class registration, student leadership, getting involved, networking, and developing relationships. Students will develop working relationships with their peers and with professional staff, while also developing their knowledge of the SUNY New Paltz campus. The first semester in this course will focus on leadership development, opportunities, and skills.

May not be repeated for credit

**INT106. Communities: Rivera House LLC. 1 Credit.**

An experiential learning seminar for students in the Rivera House LLC, this one-credit course is designed to accompany the Rivera House Living Learning Community and is required for all participants. Topics will relate to the LGBTQ+ student experience, including but not limited to LGBTQ+ student leadership, getting involved, networking, and developing relationships. Students will develop working relationships with their peers and with professional staff, while also developing their knowledge of the SUNY New Paltz campus and LGBTQ+ community.

May not be repeated for credit

**INT121. Communities at New Paltz: Leadership 2. 1 Credit.**

SUNY New Paltz is the ideal setting to develop as a leader. Whether you've had the opportunity to lead or not, you have talents to contribute. The purpose of this class is to help you apply and maximize your strengths here at SUNY New Paltz. Learning how to be a better leader takes knowledge, skills, and practice, and it requires you to be intentional in how you use and apply your talents.

**Prerequisites:**

- INT101 Minimum Grade of D-

May not be repeated for credit

**INT122. Communities at New Paltz: Healthy Choices 2. 1 Credit.**

The Certified Peer Educator (CPE) course will provide students with a basic knowledge and practice of wellness. Special topics such as stress management, nutrition and weight management, sexuality, relationships, alcohol & other drugs and physical fitness will be addressed. Emphasis will be placed on decision-making and personal responsibility for one's own health as well as a certification component to educate and inform peers. Upon completion of the course, students will have the option to become Certified Peer Educators equipped to facilitate peer education sessions designed to inform and influence their peers on campus in a healthy way.

**Prerequisites:**

- INT102 Minimum Grade of D-

May not be repeated for credit

**INT123. Communities at New Paltz: Service Learning 2. 1 Credit.**

This course accompanies the Service Learning community within the Communities at New Paltz program. This "Service Learning" course is a means for enhancing one's understanding of civic responsibility, academic coursework, skills and personal values. Involving the concepts of personal Growth, Volunteerism, Practical Experience, and Community Involvement, students will have an opportunity to explore the varying concepts of service, civic education, and social justice, and its implications for personal, academic, and societal growth. It involves active reflection - drawing lessons from participating in an organized service activity. Students will be asked to consider their sense of self in relationship to the needs in the community. Students will select from a list of local service projects, and will complete each project in a dynamic setting that will encourage their interpersonal development and will closely examine the concept of service for the greater good.

**Prerequisites:**

- INT103 Minimum Grade of D-

May not be repeated for credit

**INT124. Communities:Career Exploration 2. 1 Credit.**

This course accompanies the Service Learning community within the Communities at New Paltz program. This "Service Learning" course is a means for enhancing one's understanding of civic responsibility, academic coursework, skills and personal values. Involving the concepts of personal Growth, Volunteerism, Practical Experience, and Community Involvement, students will have an opportunity to explore the varying concepts of service, civic education, and social justice, and its implications for personal, academic, and societal growth. It involves active reflection - drawing lessons from participating in an organized service activity. Students will be asked to consider their sense of self in relationship to the needs in the community. Students will select from a list of local service projects, and will complete each project in a dynamic setting that will encourage their interpersonal development and will closely examine the concept of service for the greater good.

**Prerequisites:**

- INT104 Minimum Grade of D-

May not be repeated for credit

**INT125. Communities at New Paltz: Transfer Students. 1 Credit.****INT126. Communities at New Paltz: Rivera House. 1 Credit.**

May not be repeated for credit

**INT141. Sustainability LLC. 1 Credit.**

For students interested in sustainability issues and/or considering a sustainability-focused career. Co-curricular and applied learning opportunities may include educational events, volunteer work, outdoor environmental appreciation, and recreational activities. Students will develop sustainability literacy that enables them to contribute to creating a more sustainable society. PROGRAM FEE.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**INT175. Issues in the Education of Underrepresented College Students. 3 Credits.**

Study of issues related to education of students from underrepresented groups. Research data on achievement behavior; academic and social adjustment, and self-examination. This course cannot be repeated.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**INT193. Selected Topics. 12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**INT199. Modular Course. 0 Credits.**

May not be repeated for credit

**INT210. Career Readiness. 1 Credit.**

In this interactive, experiential course, students develop career-readiness competencies, employ design principles to identify potential career paths, write an effective resume, and practice communicating their strengths, networking, and interviewing. Students will identify internship opportunities and learning goals. This course is open to undeclared sophomores and sophomores in majors without an existing internship course requirement.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Sophomore

May not be repeated for credit

**INT293. INT Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**INT295. Indep Study Interdisciplianry. 12 Credits.**

May be repeated for credit

**INT299. Modular Course. 0 Credits.**

May not be repeated for credit

**INT393. INT Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**INT399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**INT493. INT Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**INT495. Indep Study Interdisciplinary. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**International Relations (INR)****INR495. Intrntnl Reltns Ind Study. 3 Credits.**

May be repeated for credit

**Italian (ITA)****ITA101. Elementary Italian 1. 3 Credits.**

First half of a foundation course. Introduction to Italian, for students with little or no previous knowledge of this language. Fundamentals of speaking, listening, reading and writing. Basic grammatical concepts and some cultural information about the Italian-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 1
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 1

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**ITA102. Elementary Italian 2. 3 Credits.**

Second half of a foundation course. Continuation of Elementary Italian I. Further fundamentals of speaking, listening, reading, and writing. Further basic grammatical concepts, such as additional tenses and modes, plus additional cultural information about the Italian-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 2
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 2

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ITA101 Minimum Grade of D- or Italian Placement Level Minimum Score of 1

May not be repeated for credit

**ITA193. Italian Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**ITA199. Modular Course. 0 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**ITA201. Intermediate Italian I. 3 Credits.**

Work in Italian to improve listening, reading, writing and speaking skills. Provides an overall grammar review with the introduction of more advance structures to enhance students' active use of Italian, especially in the areas of conversation (listening and speaking) and writing. Analysis of readings and other media on culturally significant topics.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ITA102 Minimum Grade of D- or Italian Placement Level Minimum Score of 2

May not be repeated for credit

**ITA202. Intermediate Italian 2. 3 Credits.**

Provides an overall grammar review that seeks to enhance students' active use of Italian, especially in the areas of conversation (listening and speaking) and writing. Further intermediate-level conversation, composition and analysis of readings and other media in Italian or culturally significant topics.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- ITA201 Minimum Grade of D- or Italian Placement Level Minimum Score of 3

May not be repeated for credit

**ITA261. Italian Society in Film. 4 Credits.**

This course aims to depict modern and contemporary Italian identity in Italy and diasporic Italian communities through film, from the postwar period to the present day. Conducted in English.

**Attributes:**

- Effective Expression/Oral
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Aw

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**ITA262. Beyond The Godfather: New Perspectives on the Mafia. 3 Credits.**

An exploration of the Mafia and its effects inside and outside of Italy through the analysis of historical, literary, and cinematic texts. In English.

**Attributes:**

- Effective Expression/Oral
- Effective Expression/Written
- Ethical Reflection
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**ITA263. Italian American Studies. 3 Credits.**

An exploration of the Italian American experience through topics such as culinary narratives, music, film/tv, mafia history, and contemporary literature. Includes writers and works representative of the diversity of Italian American culture, politics, lifestyles. Regular in-class discussion and at-home writing assignments.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**ITA293. Italian Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**ITA295. Indep Study Italian. 1-12 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**ITA299. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**ITA301. Italian Comp and Conver. 3 Credits.**

Composition and conversation based on themes suggested by readings and by topics of current events.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ITA202 Minimum Grade of D-

May not be repeated for credit

**ITA331. Italian Literature in English I. 3 Credits.**

Study of the most important writers of the Middle Ages and Renaissance. Emphasis on works of Dante, Petrarch, Boccaccio, Machiavelli, Castiglione, Ariosto, and Tasso.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**ITA332. Modern to Contemporary Italian Literature and Culture. 3 Credits.**

This is an introductory-level course that focuses on the Italian literature and culture from the 17th century to the contemporary period. Authors such as Leopardi, Svevo, Marinetti, Sciascia, and Saviano will be analyzed from cultural, postcolonial, and gender perspectives. Taught in English.

**Attributes:**

- Effective Expression/Oral
- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit



**ITA375. Topics in Italian Cinema. 4 Credits.**

A close look at Italian cinema from the perspectives of history, aesthetics, and cultural studies. Emphasis will be placed on the interpretation and analysis of film as an art form. Lectures and discussions in English. Films in Italian with English subtitles.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**ITA393. Italian Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ITA399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ITA441. Modern Italian Literature. 3 Credits.**

Readings and discussions of works of major 20th-century Italian authors in the light of political, intellectual and social conditions of modern Italy.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**ITA493. Italian Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**ITA494. Fieldwork In Italian. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**ITA495. Indep Study Italian. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

## Japanese (JPN)

**JPN101. Elementary Japanese 1. 4 Credits.**

First half of a foundation course. Introduction to Japanese for students with little or no previous knowledge of the language. Fundamentals of speaking, listening, reading and writing. Basic grammatical concepts and some cultural information about Japan. Writing skills include the introduction of hiragana, katakana and basic kanji characters.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 1
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 1

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**JPN102. Elementary Japanese 2. 4 Credits.**

Second half of a foundation course. Continuation of Elementary Japanese 1. Further fundamentals of speaking, listening, reading and writing. Further basic grammatical concepts, including additional tenses, the te-form and casual speech, plus additional cultural information about Japan.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 2
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 2

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- JPN101 Minimum Grade of D- or Japanese Placement Level Minimum Score of 1

May not be repeated for credit

**JPN193. Japanese Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**JPN199. Japanese Modular. 1 Credit.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**JPN201. Intermediate Japanese I. 4 Credits.**

Work in Japanese to improve listening, reading, writing and speaking skills. Provides an overall grammar review with the introduction of more advanced structures to enhance students' active use of Japanese, especially in the areas of conversation (listening and speaking). Students will continue to increase knowledge of kanji characters.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- JPN102 Minimum Grade of D- or Japanese Placement Level Minimum Score of 2

May not be repeated for credit

**JPN202. Intermediate Japanese 2. 4 Credits.**

Provides an overall grammar review that seeks to enhance students' active use of Japanese, especially in the areas of conversation (listening and speaking) and writing. Further intermediate level conversation and composition (with a focus on using kanji) and the introduction of basic non-test book readings in Japanese.

**Attributes:**

- Critical Thinking Introductory
- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Information Mgmt Intrmd
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- JPN201 Minimum Grade of D- or Japanese Placement Level Minimum Score of 3

May not be repeated for credit

**JPN293. Japanese Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**JPN295. Indep Study Japanese. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**JPN300. Japanese Aesthetics and Culture. 3 Credits.**

An exploration of traditional Japanese views and attitudes toward beauty as expressed in literature and art.

**Attributes:**

- Effective Expression/Aesthetic
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**JPN301. Japanese Comp and Conv. 3 Credits.**

This course is designed to enable students to read, write and converse in Japanese within a range of everyday, natural contexts. One of the main goals is to broaden students' exposure to various forms of Japanese. Through this process, students will gain a greater knowledge of Chinese characters and word compounds, thus increasing their ability to articulate themselves as literate speakers of Japanese. In addition to this primary objective, a range of practical skills will be emphasized, including listening comprehension, analytical reading comprehension, public speaking/discourse, informal group discussion and essay composition.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- JPN202 Minimum Grade of D- or Japanese Placement Level Minimum Score of 5

May not be repeated for credit

**JPN310. Japanese Poetry. 3 Credits.**

Using English translations, the study of early Court poetry, medieval Imperial anthologies, poetic diaries, Noh theatre, Bunraku puppet theatre, and 20th-century poetry.

**Attributes:**

- Effective Expression/Aesthetic
- GE3: HUM
- GE4: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**JPN311. Japanese Fiction. 3 Credits.**

Analysis of the characteristics of Japanese narrative through a study of major classical and modern works in English translation.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**JPN393. Japanese Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**JPN399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**JPN493. Japanese Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**JPN494. Fieldwork In Japanese. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**JPN495. Indep Study Japanese. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Jewish Studies (JST)****JST205. The Jewish Experience. 3 Credits.**

The social, ethnic and spiritual dimensions of the Jewish people and Jewish civilization approached through topics of the Jewish calendar and festival cycle, life-cycle, diet, dress, Jewish theology, worship and sacred literature; and, anti-Semitism.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts

May not be repeated for credit

**JST393. JST Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Kiswahili (KIS)****KIS101. Elementary KiSwahili I. 3 Credits.**

An introduction to the KiSwahili language spoken widely in East Africa. The primary objectives of the course are to assist students in listening to, understanding, speaking, reading and writing in KiSwahili. KiSwahili I focuses on the phonetic structure, pronunciation, vocabulary, the noun classes, imperatives and tenses.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 1
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 1

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**KIS102. Elementary KiSwahili II. 3 Credits.**

The second half of an introduction to the KiSwahili language spoken widely in East Africa. The primary objectives of the course are to assist student in gaining further skill in speaking, reading and writing KiSwahili; and to encourage enough fluency in the language and enough understanding of KiSwahili speaking cultures for students to be able to function in African countries where the language is spoken. KiSwahili II focuses on expanding use of the vocabulary, the eight noun classes, imperatives, tenses and conjugation of verbs.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 2
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 2

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- KIS101 Minimum Grade of D-

May not be repeated for credit

**KIS201. Intermediate Kiswahili. 3 Credits.**

Continuation of KIS102 Elementary Kiswahili 2 with further training in oral and written communication skills.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- KIS102 Minimum Grade of D-

May not be repeated for credit

## Lang, Lit & Cultures (LLC)

### LLC193. LLC Selected Topics. 1-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

### LLC293. LLC Selected Topics. 1-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

## Latin Amer & Caribbean Studies (LAM)

### LAM270. Introduction to Latin American Studies. 3 Credits.

Broad historical and geographic outlines of Latin America stressing cultural diversity, economic development, and revolution and militarism. Case studies of individual countries.

#### Attributes:

- Critical Thinking Introductory
- Effective Expression/Written
- Information Mgmt Intrmd
- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

#### Restrictions:

- Must have the following level: Undergraduate

May not be repeated for credit

### LAM271. Latinx America. 3 Credits.

An exploration of the role and position of Latinx communities within the United States and their relation with Latin America and the Caribbean; an exploration of Latinx history, cultural expressions, and representative voices.

#### Attributes:

- Diversity
- Liberal Arts
- GE3: USST
- GE4: United States Studies
- GE5: US History Civic Engmnt

#### Restrictions:

- Must have the following level: Undergraduate

May not be repeated for credit

### LAM293. Latin Am Select Topics. 3-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

#### Attributes:

- Liberal Arts

#### Restrictions:

- Must have the following level: Undergraduate

May be repeated for credit

### LAM295. Indep Study Latin Amer & Carri. 1-12 Credits.

May be repeated for credit

### LAM370. Guatemala Cultural Engagement. 4 Credits.

Experimental Learning Course. Students will learn about indigenous and Guatemalan cultural history and tools to teach basic English to community members in San Marcos, Guatemala. Students will improve their Spanish skills.

#### Attributes:

- Service Learning
- Liberal Arts

#### Prerequisites:

- SPA301 Minimum Grade of D- or SPA315 Minimum Grade of D-

May not be repeated for credit

### LAM393. Latin Am Select Topics. 3-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

#### Attributes:

- Liberal Arts

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### LAM399. Modular Course. 1 Credit.

#### Restrictions:

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**LAM493. Latin AM Selected Topics. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Critical Thinking Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**LAM494. Latin American Fieldwork. 1-12 Credits.**

May be repeated for credit

**LAM495. Indep Study Latin Americ. 1-12 Credits.**

The required senior capstone course for Latin American Studies majors is a 3-credit independent study project, supervised by a member of the Latin American Studies faculty and completed during the student's final semester.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Law and Politics (LAW)****LAW375. Philosophy of Law. 3 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**LAW393. Law/Rltd Lgl Stdies Selct Tpic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Linguistics (LIN)****LIN201. Intro To Linguistics. 3 Credits.**

Linguistics is the scientific study of language. Students will be introduced to the fundamental principles of linguistic analysis by examining the main components of language, including the patterning of sounds (phonetics and phonology), the structure of words and sentences (morphology and syntax), the ways linguistic structure and context give rise to meaning (semantics and pragmatics), and how social practices shape and are shaped by language use (sociolinguistics).

**Attributes:**

- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**LIN293. Linguistics Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**LIN295. Indep Study Linguistics. 0 Credits.**

May be repeated for credit

**LIN364. Syntax. 3 Credits.**

Introduction to the linguistic discipline of syntax, the study of sentence structure, with a focus on the Generative Grammar framework of Noam Chomsky and followers. Considers data from English and other languages.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- LIN201 Minimum Grade of D-

May not be repeated for credit



**LIN365. Semantics. 3 Credits.**

Semantics is the study of meaning in natural language. The course surveys various topics in linguistic semantics, and pragmatics, including word definition, sentence meaning, predication, quantification, logic connectives, the tense and aspect of verbs events, thematic roles and conversational implicature.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- Math Placement Level Minimum Score of 3
- LIN201 Minimum Grade of D-

May not be repeated for credit

**LIN380. Etymology and Morphology. 3 Credits.**

Study of the origins and development of words. Study of patterns of the internal structures of words within and across languages. Theories of word origins and grammatical structure. Lecture/discussion with exercises and Powerpoint.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- LIN201 Minimum Grade of D-

May not be repeated for credit

**LIN393. Linguistic Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**LIN399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**LIN413. Sociolinguistics. 3 Credits.**

This course will examine the relationships between language and society, and language and culture. It will investigate how language varieties interact with other social characteristics such as class, gender, ethnicity, race, and age. To accomplish this the course will have an interdisciplinary focus. Students will explore topics on regional and social variation in language usage; language change, maintenance and shifts; boundary markers and identity formation; language usage in multilingual communities; the nature of speech and discourse communities; and discourse analysis. In addition, the course will examine specific topics in macro-sociolinguistics such as national languages and language planning, as well as applied issues such as the relationships between sociolinguistics and education.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**LIN493. Linguistic Selected Topics. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**LIN494. Fieldwork in Linguistics. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**LIN495. Indep Study Linguistics. 3-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Mathematics (MAT)****MAT053. College Algebra A. 0 Credits.**

Review. Linear and quadratic equations. Inequalities. Factoring, multiplying and dividing algebraic expressions. Coordinate geometry. Together, this course and MAT 153 College Algebra B are equivalent to MAT152 College Algebra.

May not be repeated for credit

**MAT093. Math Selected Topic. 12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MAT120. College Mathematics. 3 Credits.**

Topics from basic and intermediate algebra are reviewed. Emphasis is on using algebra to solve real world problems from such areas as geometry, finance, business, and science. The concepts of variable and function and the use of formulas will be stressed. Problems will be presented in various formats; graphically, numerically, and symbolically. NOTE: Not to be taken for credit by students with MPL 4 or more.

**Attributes:**

- Initial College Level Math
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MAT121. College Mathematics with Supplemental Algebra Workshop. 3 Credits.**

Topics from basic and intermediate algebra, with an emphasis on solving real world problems. The concepts of variable and function and the use of formulas will be stressed. This course is similar to MAT120 College Mathematics, but is specifically designed to prepare students to take MAT152 College Algebra. Additional time will be devoted to algebra skills. NOTE: Not to be taken for credit by students with MPL 4 or more.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**MAT140. Mathematics for Elementary School Teachers I. 3 Credits.**

First course of a two-semester sequence. Covers problem solving, numeration, number theory, relations, functions, integers, rational and real numbers. Open only to students seeking New York State certification in Elementary Education.

**Attributes:**

- Liberal Arts

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT093 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

**MAT142. Paths and Graphs. 3 Credits.**

Designed for visual learners in Liberal and Fine Arts majors. Problems that arise in scheduling, routing and management will be solved by translating them into problems about graphs and then utilizing techniques of elementary graph theory. Fulfills GE Math; not part of any Math major.

**Attributes:**

- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics
- Systematic Inquiry

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT093 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

**MAT143. Mathematics in the Modern World. 3 Credits.**

Designed for non-science majors. Basic mathematical concepts are applied to analyze real world problems in a broad range of fields. Topics may include voting systems, fair division, interpreting statistics, scheduling, routing, linear programming, coding, game theory, patterns and symmetry. Fulfills GE Math; not part of any Math major.

**Attributes:**

- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT093 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

**MAT145. Statistics and Public Policy. 3 Credits.**

Fundamental concepts of statistics with an applied approach designed to create savvy "statistical consumers", able to understand, evaluate, and analyze quantitative evidence presented in the media on issues relevant to citizens in our society today. Intended for General Education; not part of any Math major.

**Attributes:**

- Information Literacy (GE3)
- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics
- Systematic Inquiry

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT093 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

**MAT152. College Algebra. 3 Credits.**

Factoring, multiplying and dividing algebraic expressions, coordinate geometry, functions and functional notation, polynomials, exponents, logarithms, and inequalities. Primarily preparation for more advanced courses, but also open to students desiring a background in college algebra. NOTE: Not to be taken for credit by students with MPL 4 or more.

**Attributes:**

- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics
- Systematic Inquiry

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT053 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

**MAT171. Mathematical Methods for Business. 3 Credits.**

Linear equations and inequalities, functions and graphs, the exponential and logarithmic functions, the mathematics of finance, graphs and rates of change, tabular and graphical analysis, systems of linear equations.

NOTE: Not to be taken for credit by students intending to take MAT251 (Calculus I).

**Attributes:**

- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Accounting (542)
  - Business (BUS)
  - Business Analytics (531)
  - Economics (540)
  - Economics (ECO)
  - Entrepreneurship (524)
  - Finance (543)
  - General Business (547)
  - International Business (546)
  - Management (544)
  - Marketing (545)
  - Undeclared:Business (000B)
  - Undeclared:Pre-Accounting (00AC)
  - Undeclared:Pre-Bus Analytics (00BN)
  - Undeclared:Pre-Entrepreneurshi (00ER)
  - Undeclared:Pre-Finance (00FI)
  - Undeclared:Pre-Gen Business (00GB)
  - Undeclared:Pre-Interntnl Bus (00IB)
  - Undeclared:Pre-Management (00MG)
  - Undeclared:Pre-Marketing (00MK)

**Prerequisites:**

- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of C- or MAT 153 Minimum Grade of C-

May not be repeated for credit

**MAT181. Precalculus. 4 Credits.**

Topics needed for calculus: brief review of algebra; polynomial, exponential, logarithmic and trigonometric functions; trigonometry; remainder and factor theorems; complex numbers; solving exponential equations, logarithmic equations and trigonometric equations.

**Attributes:**

- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics
- Systematic Inquiry

**Prerequisites:**

- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of C- or MAT193 Minimum Grade of C- or MAT 153 Minimum Grade of C-

May not be repeated for credit

**MAT184. Elements of Geometry. 3 Credits.**

Topics chosen from history of geometry, axioms for Euclidean geometry and geometric proof, practical applications of geometry, solid geometry, polygons and tessellations of the plane. Intended for General Education; not part of any Math major.

**Attributes:**

- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics
- Systematic Inquiry

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT093 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

**MAT193. Math Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**MAT240. Mathematics for Elementary School Teachers II. 3 Credits.**

Second course of a two-semester sequence. Covers problem solving, logic, probability, statistics, analysis of geometric shapes and solids, measurement, congruence, similarity, constructions, coordinate geometry, and transformations. Open only to students seeking New York State certification in Elementary Education.

**Attributes:**

- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics
- Systematic Inquiry

**Prerequisites:**

- MAT140 Minimum Grade of C-
- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT093 Minimum Grade of C- or MAT121 Minimum Grade of C- or MAT120 Minimum Grade of C-

May not be repeated for credit

**MAT241. Introduction to Statistics. 3 Credits.**

Descriptive statistics, measure of central tendency and dispersion, population parameters and sample statistics, use of probability distributions for statistical inference, binomial and normal distributions, introduction to hypothesis testing. Designed for non-mathematics majors. Not open to students who have taken MAT381 or MAT382.

**Attributes:**

- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics
- Systematic Inquiry

**Prerequisites:**

- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of C- or MAT193 Minimum Grade of C- or MAT 153 Minimum Grade of C-

May not be repeated for credit

**MAT251. Calculus I. 4 Credits.**

Single-variable calculus: limits, continuity, derivatives, extrema and other applications, mean value theorem, integrals, fundamental theorem of calculus.

**Attributes:**

- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics

**Prerequisites:**

- Math Placement Level Minimum Score of 5 or MAT181 Minimum Grade of C-

May not be repeated for credit

**MAT252. Calculus II. 4 Credits.**

A continuation of Calculus I. Techniques of integration, applications of the integral, infinite sequences and series, parametric equations, polar coordinates.

**Attributes:**

- Liberal Arts

**Prerequisites:**

- Math Placement Level Minimum Score of 6 or MAT251 Minimum Grade of C-

May not be repeated for credit

**MAT260. Introduction to Proof. 3 Credits.**

Focus on basic principles of logic, set theory, functions, and the development of mathematical reasoning. Introduction to basic techniques in writing proofs.

**Attributes:**

- Critical Thinking Introductory
- Liberal Arts

**Prerequisites:**

- Math Placement Level Minimum Score of 6 or MAT251 Minimum Grade of C-

May not be repeated for credit

**MAT293. Math Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**MAT295. Indep Study Math. 12 Credits.**

May be repeated for credit

**MAT303. Foundations of Analysis. 3 Credits.**

Order, algebraic and completeness axioms of the numbers, topology of the real line, lubs and glbs, limit points, Heine-Borel Theorem, sequences and convergence.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts
- Writing Intensive

**Prerequisites:**

- MAT252 Minimum Grade of C-
- MAT260 Minimum Grade of B- or MAT304 Minimum Grade of C-

May not be repeated for credit

**MAT304. Foundations of Algebra. 3 Credits.**

Equivalence relations, elementary number theory, mathematical induction and recursion; the group of integers modulo-n and other concrete groups.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- MAT260 Minimum Grade of C-
- MAT252 Minimum Grade of C-

May not be repeated for credit

**MAT310. Number Theory. 3 Credits.**

Introductory study of integers. Axiomatic approach to order and divisibility property, prime distributions, modular arithmetics, perfect numbers and other topics.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT304 Minimum Grade of C-

May not be repeated for credit

**MAT320. Discrete Mathematics for Computing. 3 Credits.**

This course is designed to provide Computer Science and Computer Engineering majors with a working knowledge of discrete mathematics topics they will need in future courses and in later work. Does not count towards the Mathematics major.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following field(s) of study (major, minor or concentration): Mathematics (512)

**Prerequisites:**

- EGC220 Minimum Grade of C- or EGC 230 Minimum Grade of C- or CPS310 Minimum Grade of C-

May not be repeated for credit

**MAT331. Axiomatic Geometry. 3 Credits.**

Axiomatic development of geometry from a modern standpoint. Topics chosen from incidence, betweenness, congruence, similarity, transformations, constructions; measure of areas, angles and circles.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Prerequisites:**

- Math Placement Level Minimum Score of 6 or MAT251 Minimum Grade of C-

May not be repeated for credit

**MAT332. Modern Geometry. 3 Credits.**

Euclidean and non-Euclidean geometries. Consistency proofs and Euclidean constructions.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT331 Minimum Grade of C-

May not be repeated for credit

**MAT341. Applied Mathematics I. 3 Credits.**

The first of two-semester sequence for mathematicians, scientists and engineers. Topics include partial derivatives, ordinary differential equations, infinite series, and matrix algebra. Credit will not be given for both MAT341 and MAT359.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Mathematics (512)

**Prerequisites:**

- MAT252 Minimum Grade of C-

May not be repeated for credit

**MAT342. Applied Mathematics II. 3 Credits.**

The second of a two-semester sequence in advanced mathematics for scientists and engineers. Topics include Fourier series and transforms, partial differential equations and special functions of mathematical physics. Counts as an upper-division elective in the Mathematics major.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT341 Minimum Grade of C- or (MAT359 Minimum Grade of C- and MAT362 Minimum Grade of C-)

May not be repeated for credit

**MAT353. Calculus III. 4 Credits.**

Analytic geometry in 3 dimensions, vector-valued functions, multivariate functions, partial derivatives, multiple integrals, applications, line integrals, Green's theorem, divergence, curl, Stokes' theorem.

**Attributes:**

- Liberal Arts

**Prerequisites:**

- MAT252 Minimum Grade of C-

May not be repeated for credit

**MAT354. Calculus IV. 3 Credits.**

Fourth semester covering differential and integral calculus. Emphasizes line and surface integral theorems, sequences, and series.

**Attributes:**

- Liberal Arts

**Prerequisites:**

- MAT353 Minimum Grade of C-

May not be repeated for credit

**MAT359. Ordinary Differential Equations. 3 Credits.**

Methods of solution of homogeneous and non-homogeneous linear differential equations. Power series and Laplace transform methods. Non-linear equations of order one. Applications. Credit will not be given for both MAT341 and MAT359.

**Attributes:**

- Liberal Arts

**Prerequisites:**

- MAT252 Minimum Grade of C-

May not be repeated for credit

**MAT362. Linear Algebra. 3 Credits.**

Systems of linear equations, matrices, determinants, eigenvalues, eigenvectors, finite dimensional vector spaces and linear transformations.

**Attributes:**

- Liberal Arts

**Prerequisites:**

- MAT252 Minimum Grade of C-

May not be repeated for credit

**MAT363. Combinatorics. 3 Credits.**

Counting arguments in different settings and their relation to probability. Functions, relations and, in particular, graphs and trees.

**Attributes:**

- Liberal Arts

**Prerequisites:**

- MAT260 Minimum Grade of C-

May not be repeated for credit

**MAT366. Nonlinear Dynamics. 3 Credits.**

A study where the change of the output is not proportional to the change of the input. In the real world, systems are typically nonlinear.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT341 Minimum Grade of C- or MAT359 Minimum Grade of C-

May not be repeated for credit



**MAT375. Numerical Methods. 3 Credits.**

Computer solution of mathematical problems; round-off errors and computer arithmetic, solution of equations, interpolation and approximation, numerical differentiation and integration, direct and iterative techniques in matrix algebra.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT362 Minimum Grade of C-
- CPS210 Minimum Grade of C-

May not be repeated for credit

**MAT380. Applied Probability and Statistics. 3 Credits.**

This course will provide students with an understanding of the principles of engineering data analysis using basic probability theorems and statistical methods with emphasis on their application to real-world data processing problems.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Computer Engineering (518)
  - Electrical Engineering (517)
  - Mechanical Engineering (521)

**Prerequisites:**

- MAT252 Minimum Grade of C-

May not be repeated for credit

**MAT381. Probability and Statistics I. 3 Credits.**

Counting techniques, conditional probability, Bayes' theorem, discrete and continuous random variables, distribution functions, expected value, joint distributions, limit theorems, sampling distributions and hypothesis testing.

**Attributes:**

- Liberal Arts

**Prerequisites:**

- MAT252 Minimum Grade of C-

May not be repeated for credit

**MAT382. Probability and Statistics II. 3 Credits.**

Introduction to probability theory and statistics. Random variables; distribution functions; expected value and moments; sampling; point estimation; interval estimation; hypothesis testing.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT381 Minimum Grade of C-
- MAT353 Minimum Grade of C-

May not be repeated for credit

**MAT393. Math Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**MAT399. Modular Course. 0 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**MAT431. Real Analysis I. 3 Credits.**

Theoretical foundations of elementary calculus: continuity, derivatives, integrals, classical theorems of calculus such as the Mean Value theorem and the Fundamental Theorem of calculus.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT303 Minimum Grade of C-
- MAT353 Minimum Grade of C-

May not be repeated for credit

**MAT432. Real Analysis II. 3 Credits.**

Series of real numbers; sequences and series of functions; uniform convergence; power series; Taylor Series, additional topics as chosen by the instructor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT 321 Minimum Grade of C- or MAT431 Minimum Grade of C-

May not be repeated for credit

**MAT441. Abstract Algebra I. 3 Credits.**

Group theory from axioms; subgroups, cyclic groups, number theoretic properties of finite groups, quotient groups, isomorphisms and homomorphisms.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT304 Minimum Grade of C-
- MAT362 Minimum Grade of C-

May not be repeated for credit

**MAT442. Abstract Algebra II. 3 Credits.**

Elementary theory of groups and rings, integral domains and fields.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT441 Minimum Grade of C- or MAT 364 Minimum Grade of C-

May not be repeated for credit

**MAT483. Actuarial Mathematics. 3 Credits.**

Theories and models of risk, and their applications. Topics may include: annuities, insurance, benefit reserves, multiple life functions, multiple decrement models, and collective risk models.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT381 Minimum Grade of C-

May not be repeated for credit

**MAT488. Partial Differential Equations. 3 Credits.**

Classification of linear second order partial differential equations (PDE), diffusion-type problems, Fourier sine and cosine transforms. Laplace transform solutions, method of characteristics, elliptic-type problems, Green's functions, numerical and approximate methods.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT359 Minimum Grade of C-

May not be repeated for credit

**MAT490. Research in Mathematics. 1-12 Credits.**

Individual research in Mathematics under faculty supervision. Interested students should contact the department or approach a particular professor.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**MAT493. Math Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**MAT494. Fieldwork in Mathematics. 1-12 Credits.**

Individual research in Mathematics under faculty supervision. Interested students should contact the department or approach a particular professor.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**MAT495. Indep Study Math. 1-12 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

## Medieval/Early Modern Studies (MED)

**MED393. Mdevl/Erly Mdrn Stds Slctd Tpc. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**MED493. Mdval/Erly Mdrn Stds Slctd Tps. 3 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

## Music (MUS)

**MUS100. Music Appreciation in Western Traditions. 3 Credits.**

A broad-based survey course for the non-major designed to illustrate the elements of the art and the cultural styles employed, with numerous examples of both functional and professional application. The course explores Western art and popular forms, as well as non-Western sounds, jazz, musical theater, and music for the cinema. Not open to Music majors.

**Attributes:**

- Effective Expression/Aesthetic
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May not be repeated for credit

**MUS103. Basic Sight Singing and Ear Training. 1 Credit.**

This course teaches students the rudiments of singing by sight and recognizing intervals upon hearing them. Various reading systems are utilized. Students participate in each class session. Remedial course; may not be counted toward the music major.

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MUS106. Basic Music Theory. 3 Credits.**

Working knowledge of the rudiments of music, e.g., scales, keys, intervals, chords, and basic principles of rhythm, melody, harmony and form.

Knowledge applied in sight singing, ear training, keyboard, and creative activities. Remedial course; may not be counted toward the music major.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MUS109. Introduction to Music. 3 Credits.**

Music of the world as a form of communication. Attend weekly live performances preceded by a seminar to enhance the listener's understanding of the techniques employed by composers and performers. May not be counted toward the music major.

**Attributes:**

- Effective Expression/Aesthetic
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May not be repeated for credit

**MUS110. Introduction to Music Studies. 1 Credit.**

An introduction to the policies and procedures of the Music Department, and to the field of music. Topics include: musical resources on campus and in the region; music research and writing; health and safety; music software; and career planning.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MUS140. Southeast Asian Music Ensemble. 1 Credit.**

Learn to play square gongs, pot gongs, and hand drums from Indonesia, Philippines and Myanmar. No experience is necessary. Music is learned by listening, observing and playing.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS141. College/Youth Symphony. 1 Credit.**

The orchestra performs primarily classical works throughout the mid-Hudson region with selected students and guest artists as soloists. Consultation with the director is recommended before registering. May be repeated for credit.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Performance

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS142. College-Community Chorale. 1 Credit.**

The largest combined choral ensemble of the College. Open to all students, faculty and community members on a non-audition basis. Consultation with the director is recommended before registering. May be repeated for credit.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Performance

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS143. Symphonic Band. 1 Credit.**

Performs the highest quality wind band music ranging from classical to popular. Student and guest soloists appear. Consultation with the director is recommended before registering. May be repeated for credit.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Performance

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS144. Concert Choir. 1 Credit.**

The major performing choral ensemble of the College. Membership is open to college students (both music and non-music majors) by audition. May be repeated for credit.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Performance

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS145. Collegium Musicum. 1 Credit.**

Performance of Medieval, Renaissance and Baroque music. Study performance practices of these periods. Early instruments are used as much as possible. Ability to read music required. Consultation with the director recommended before registering. May be repeated for credit.

**Attributes:**

- Performance

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS146. Chamber Singers. 1 Credit.**

A vocal chamber ensemble that sings small-chorus literature of various periods. Advanced singers gain ensemble experience in a select group of 16 to 20 performers. Admission is by audition. May be repeated for credit.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS150. Concert Series Attendance. 0 Credits.**

Required of all declared music majors. Students will fulfill this requirement by attending a minimum of eight approved concerts each semester in attendance at New Paltz.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS160. History of Jazz. 3 Credits.**

History of jazz as a musical and sociocultural development of the twentieth century. In addition to analyzing the development of jazz styles in musical terms, this course traces the effect of cultural forces on this uniquely American music.

**Attributes:**

- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MUS162. Chamber Jazz Ensembles. 1 Credit.**

Rehearsal and performance of instrumental and vocal jazz literature for the small jazz ensemble (2-8 performers). Focus on developing ensemble awareness, familiarity with jazz performance practices, improvisation, and stylistic distinctions. Placement in a group of students with similar levels of experience based upon an entry audition. Basic music reading skills necessary. At least one major concert is presented each semester.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS193. Music Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS199. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MUS201. Basic Piano. 2 Credits.**

For beginners. Class instruction to develop the ability to play elementary pieces and to gain a concept of the basic requirements of a performing technique. Special emphasis on basic keyboard harmony skills. Not for applied piano majors.

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MUS202. Piano 1. 2 Credits.**

Continuation of Basic Piano. Not for Music majors concentrating in Classical Performance or Jazz Performance whose primary instrument is piano. Student may place into the course by examination.

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- MUS201 Minimum Grade of C-

May not be repeated for credit

**MUS203. Theory 1. 3 Credits.**

Fundamental practices of harmony and counterpoint in Western tonal music: modes, cadences, harmonic progressions, non-harmonic tones. Study of diatonic voice-leading through part-writing and harmonic analysis. Placement examination required.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MUS204. Theory 2. 3 Credits.**

In-depth study of chromatic harmony and counterpoint in Western tonal music: secondary functions, modulation, Neapolitan and augmented 6th chords, and advanced 19th century harmonies. Continued study of voice-leading through part-writing and harmonic analysis.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- MUS203 Minimum Grade of C-

May not be repeated for credit

**MUS205. Class Voice. 2 Credits.**

Class instruction for students with little or no previous vocal training. Emphasis on basic vocal techniques—breath control, posture and focus—through vocalises. Study of Italian diction, early Italian songs and simple songs in English. Not for applied voice majors. May be repeated once for credit.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS210. Jazz Improvisation Workshop. 2 Credits.**

Instruction in jazz style improvisation in traditional and contemporary jazz literature. Solo and ensemble improvisation exercises to develop improvisational skill and technique in all styles. Emphasis on concepts of scale selection, melodic balance and contour, tension and release, and development of an individual voice as a jazz improviser. Assigned projects in analysis, preparation, and in-class performance of selected jazz literature.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- MUS203 Minimum Grade of C-

May be repeated for credit

**MUS211. Experiments in Music Composition. 3 Credits.**

Students learn the art of music composition through studying the techniques, styles and philosophies of American experimental musicians from the 1960's forward. Students will investigate non-traditional methods of performance, music-making and design their own pieces.

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MUS217. Basic Guitar. 2 Credits.**

An introduction to the folk guitar, focusing on chords, runs, strums, picking patterns and repertoire development. Not for Music majors whose primary instrument is Guitar.

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MUS218. Guitar 1. 2 Credits.**

Continuation of Basic Guitar, with emphasis on barre chords, picking and strumming patterns, and repertoire development. Required for guitar performance proficiency. Not for Music majors whose primary instrument is Guitar. Students may place into the course by examination. Prerequisite MUS217 or placement exam.

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- MUS217 Minimum Grade of C-

May not be repeated for credit

**MUS219. Applied Composition. 2 Credits.**

Individual weekly lessons in composition. For music majors and minors only. Instructor approval required. Course fee.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS220. Applied Classical Voice. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS221. Applied Classical Piano. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS222. Applied Classical Strings. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS223. Applied Classical Woodwinds. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS224. Applied Classical Brass. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS225. Applied Classical Percussion. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS226. Applied Classical Guitar. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS227. Applied Classical Misc. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS228. Classical Voice Studio. 1 Credit.**

Applied voice students develop performance skills in workshop setting, performing regularly and observing one another. Analysis of individual performances guided by the instructor. Students also receive weekly half-hour coaching with an accompanist assigned by the professor. Co-requisite, MUS220 Applied Voice.

**Restrictions:**

- Must have the following level: Undergraduate

**Corequisites:**

- MUS220

May be repeated for credit

**MUS229. Classical Instrumental studio. 1 Credit.**

Students perform and discuss repertoire learned in applied instrumental lessons in a group setting in order to acquire critical skills and performance experiences.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS230. Composition Seminar. 1 Credit.**

Weekly meeting for composition students to discuss compositional techniques and share their work-in-progress projects in an informal setting.

**Prerequisites:**

- MUS219 Minimum Grade of C-

May be repeated for credit



**MUS231. Sight Singing and Ear Training 1. 1 Credit.**

Basic training through musical activity exercises: action in time (rhythm and meter); action in space (pitch and intervals, scales); and coordinated action (combining time and space). Pre-requisite: Placement Exam.

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MUS232. Sight Singing and Ear Training 2. 1 Credit.**

Continuation of Sight Singing and Ear Training I.

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- MUS231 Minimum Grade of C-

May not be repeated for credit

**MUS250. Music Therapy Overview. 3 Credits.**

An overview of music therapy's history, definition, methods, practices, clinical populations, models, and education and training requirements.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**MUS251. Masterworks of Western Music. 3 Credits.**

Learn about historic, social and cultural context, cultural environment and musical design in selected great works of music such as the chant of Hildegard von Bingen, Mozart's Magic Flute, Beethoven's Sixth Symphony, and Dukas' Sorcerer's Apprentice. Previous musical background is not needed.

**Attributes:**

- Effective Expression/Aesthetic
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Aw

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MUS252. Music Cultures of the United States. 3 Credits.**

Students will examine music of the United States from Colonial America to the present. Centered on American music, topics include development of several immigrant traditions including African-American, Latin-American, Protestant Christian, and Jewish European traditions as well as the roles of BIPOC musicians in musical communities. The course consists of lecture/discussions, guided and independent listening, writing assignments, and periodic examinations. For the general student as well as for music majors and minors.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Effective Expression/Aesthetic
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MUS260. History of Rock. 3 Credits.**

A survey of Rock music styles from 1950 to the present. Emphasis is placed on the ethnic, cultural, and historical contexts surrounding each era. Special attention will be given to important artists and their music.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Effective Expression/Aesthetic
- Ethical Reflection
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MUS270. Applied Vocal Jazz. 2 Credits.**

Individual weekly lessons in jazz voice. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS271. Applied Jazz Piano. 2 Credits.**

Individual weekly lessons in jazz piano. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS272. Applied Jazz Bass. 2 Credits.**

Individual weekly lessons in jazz bass. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS273. Applied Jazz Woodwinds. 2 Credits.**

Individual weekly lessons in jazz woodwinds. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS274. Applied Jazz Brass. 2 Credits.**

Individual weekly lessons in jazz brass. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS275. Applied Jazz Percussion. 2 Credits.**

Individual weekly lessons in jazz percussion. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS276. Applied Jazz Guitar. 2 Credits.**

Individual weekly lessons in jazz guitar. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS277. Applied Jazz Misc. 2 Credits.**

Individual weekly lessons in a jazz instrument. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS293. Music Selected Topic. 12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS295. Indep Study Music. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**MUS299. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**MUS301. Piano 2. 2 Credits.**

Continuation of Piano 1 with a classical focus. Not for Music majors concentrating in Classical Performance whose primary instrument is piano.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS202 Minimum Grade of C-

May not be repeated for credit

**MUS302. Piano 3: Jazz and Popular Styles. 2 Credits.**

Continuation of Piano 1 with a focus on jazz and popular styles. May be repeated for credit.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS202 Minimum Grade of C-

May be repeated for credit

**MUS303. Theory 3. 3 Credits.**

This course will include a survey of advanced topics relating to harmonic practice in the late 19th century as well as an introduction to major 20th century practices such as atonal theory and 12-tone theory. It will also include counterpoint, including species counterpoint, invertible counterpoint, and canon. Special attention will be given to applying one's knowledge to analysis of complete pieces or movements. Students will also write compositions of their own.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS204 Minimum Grade of C-

May not be repeated for credit

**MUS310. Jazz Theory 1. 3 Credits.**

Fundamentals of jazz harmony, chord voicing, harmonization and progressions. Scales, modes and secondary dominant scales in jazz improvisation. Rhythmic fundamentals and swing. Melodic analysis of improvised solos. Introduction to standard song forms.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS203 Minimum Grade of C\*

\* May be taken at the same time

May not be repeated for credit

**MUS311. Jazz Theory 2. 3 Credits.**

Further development of the vocabulary, structure and forms introduced in Jazz Theory 1. Introduction to melodic minor modes, symmetrical scales, chord superimposition, substitution and progression. Advanced melodic and harmonic analysis. Rhythm and form in modern jazz.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS310 Minimum Grade of C-

May not be repeated for credit

**MUS312. Jazz Instrumentation and Arranging. 3 Credits.**

Jazz instrumentation and arranging are unique with their emphasis on rhythm and improvisation within a written musical composition. Key concepts are presented through arranging/instrumentation exercises, and through the analysis of important jazz arrangements.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS310 Minimum Grade of C-

May not be repeated for credit

**MUS313. Improvisation for Every Musician. 3 Credits.**

Often associated only with Jazz, improvisation is used in other genres as well. Improvisation methods that enhance the creative process and an ability to be spontaneous, regardless of the genre being played, will be explored.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS106 Minimum Grade of C-

May not be repeated for credit

**MUS315. Musical Theater Orchestra. 3 Credits.**

A performance ensemble associated with musical theater production. Students are admitted only by permission of the instructor and may be required to audition if not known to the instructor. The ensemble meets weekly to prepare an orchestration for a musical production and performs in the theater in as many as twelve performances.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**MUS319. Applied Music Composition. 2 Credits.**

Individual weekly lessons in composition. For music majors and minor only. Instructor approval required. Course fee.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**MUS320. Keyboard Harmony and Improvisation. 2 Credits.**

This course is designed to supplement courses in written theory, sight-singing, and ear-training. It will develop skills in sight-reading, transposition, accompaniment, and improvisation at the keyboard.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS202 Minimum Grade of C-
- MUS204 Minimum Grade of C-

May not be repeated for credit

**MUS326. Diction for Singers 1. 3 Credits.**

Study and application of the rules of Italian diction for singing; pronunciation learned through drill work and applied to songs sung in class. Voice prerequisite may be taken concurrently. At least one semester of a language other than English recommended.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS220 Minimum Grade of C- or MUS420 Minimum Grade of C-

May not be repeated for credit

**MUS327. Diction for Singers 2. 3 Credits.**

Continuation of Diction for Singers I, with emphasis on French and German diction for singing.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS326 Minimum Grade of C-

May not be repeated for credit

**MUS328. Inclusive Conducting and Arranging. 1 Credit.**

Basic conducting, music arranging, and ensemble directing skills are presented. In addition, students will learn adaptive and inclusive techniques for application with a variety of individual and group music making contexts, including expressive movement.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS250 Minimum Grade of B- or MUS 240 Minimum Grade of B-
- MUS353 Minimum Grade of B-
- MUS354 Minimum Grade of B-\*

\* May be taken at the same time

May not be repeated for credit

**MUS330. Music Cultures of the World. 3 Credits.**

A survey of music traditions across the world, as well as their influence on Western music. Topics include music cultures from Africa, Black America, Europe, Latin America, Indonesia, and Japan. Choice of cultures may change from semester to semester.

**Attributes:**

- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**MUS331. Music to 1750. 3 Credits.**

This course will examine the evolution of Western music from ca. 200 B.C.E. to the year 1750 C.E. Developments in musical style will be studied in their political, historical, social and cultural contexts.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**MUS333. Music since 1750. 3 Credits.**

This course will examine the evolution of Western music from 1750 to the present. Developments in musical style will be studied in their political, historical, social, and cultural contexts.

**Attributes:**

- Critical Thinking Intermediate
- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Information Literacy (GE3)
- Information Mgmt Intrmd
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**MUS335. Sight Singing & Ear Training 3. 1 Credit.**

Continuation of Sight Singing and Ear Training 2, including advanced harmonic functions, irregular and mixed meters, modal scales, and seventh chords.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS232 Minimum Grade of C-

May not be repeated for credit

**MUS341. Music Therapy Ethics & Professional Development. 2 Credits.**

A study of applied professional ethics with particular attention to music therapy clinical practice, private practice, teaching, supervision and research. An emphasis is placed on the process of ethical thinking and solving dilemmas from a variety of professional scenarios. Minimum final grade required: B-

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS 240 Minimum Grade of B-

May not be repeated for credit

**MUS345. Psychology of Music. 3 Credits.**

Physical, psychological, physiological, socio-cultural, and health aspects of music experience across the lifespan are discussed. Basic techniques of conducting, reading, and interpreting psychological research in music are reviewed.

**Attributes:**

- Liberal Arts
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**MUS346. Conducting. 3 Credits.**

Basic skills and training in rudimentary rehearsal techniques. Practical conducting experience with small vocal and instrumental ensembles in class and, where possible, with major ensembles.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS204 Minimum Grade of C-

May not be repeated for credit

**MUS350. Computer and Electronic Music. 3 Credits.**

This course provides the student with training in MIDI and computer-driven electronic music processes. Exploration of electro-acoustic music through a historical/analytical and hands-on approach.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**MUS351. Advanced Computer and Electronic Music. 3 Credits.**

Extension of techniques and concepts covered in Computer and Electronic Music (MUS350), with an added emphasis on live performance technique and interdisciplinary approaches to the medium, e.g. theater, dance, installation, film and television, web-based design and multimedia. Basic Reording (MUS380) is strongly encouraged.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior

**Prerequisites:**

- MUS350 Minimum Grade of C-

May not be repeated for credit

**MUS352. Chamber Music Ensemble. 1 Credit.**

Students perform and discuss important pieces of chamber music in small groups. Students rehearse together and receive weekly coaching.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**MUS353. Clinical Applications of Music I. 3 Credits.**

A survey of receptive and re-creative music experiences used at the supportive level of music therapy practice. Minimum final grade required B-. Course fee.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS 240 Minimum Grade of B- or MUS250 Minimum Grade of B-

May not be repeated for credit

**MUS354. Clinical Applications of Music II. 3 Credits.**

A survey of clinical songwriting and improvisation methods used at the supportive level of music therapy practice. Minimum final grade required B-.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS 240 Minimum Grade of B- or MUS250 Minimum Grade of B-

May not be repeated for credit

**MUS364. Form and Analysis. 3 Credits.**

Principal forms and compositional devices employed in music. Various masterpieces studied from the score. Rhythmic, structural, harmonic and contrapuntal factors.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS204 Minimum Grade of C-

May not be repeated for credit

**MUS365. Instrumentation. 3 Credits.**

Characteristics of the instruments and how they are employed in scoring for full orchestra or band.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS204 Minimum Grade of C-

May not be repeated for credit

**MUS380. Basic Recording Techniques. 3 Credits.**

Essential concepts in the live music recording process are explored from instrument setup, to recording and mixdown in a digital computerized environment. The process of field recording with laptop computers is covered as well.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**MUS381. Advanced Recording. 3 Credits.**

Further exploration of techniques introduced in Basic Recording (MUS380): audio recording, MIDI, editing, plug ins, automation, mixdown, mastering. Three software platforms are explored: ProTools, Digital Performer, and Logic. Students run sessions and manage a department recording studio.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS380 Minimum Grade of C-

May not be repeated for credit

**MUS383. Junior Recital. 0 Credits.**

Recital opportunity for junior-level students in applied music. Program planned with and approved by the applied music instructor.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May not be repeated for credit

**MUS393. Music Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**MUS399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**MUS410. Jazz Improvisation Workshop. 2 Credits.**

Instruction in jazz style improvisation in traditional and contemporary jazz literature. Solo and ensemble improvisation exercises to develop improvisational skill and technique in all styles. Emphasis on concepts of scale selection, melodic balance and contour, tension and release, and development of an individual voice as a jazz improviser. Assigned projects in analysis, preparation, and in-class performance of selected jazz literature.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS203 Minimum Grade of C-

May be repeated for credit

**MUS419. Applied Composition. 2 Credits.**

Individual weekly lessons in composition. For music majors only. May be repeated once for credit. Course fee.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS420. Applied Classical Voice. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS421. Applied Classical Piano. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS422. Applied Classical Strings. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit



**MUS423. Applied Classical Woodwinds. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS424. Applied Classical Brass. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS425. Applied Classical Percussion. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS426. Applied Classical Guitar. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS427. Applied Classical Misc. 2 Credits.**

Individual weekly lessons in classical [instrument]. Students also meet weekly in a chamber ensemble, and receive four faculty coaching sessions per semester. For music majors only.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

**MUS428. Classical Voice Studio. 1 Credit.**

Applied voice students develop performance skills in workshop setting, performing regularly and observing one another. Analysis of individual performances guided by the instructor. Students also receive weekly half-hour coaching with an accompanist assigned by the professor.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Corequisites:**

- MUS420

May be repeated for credit

**MUS429. Classical Instrumental Studio. 1 Credit.**

Students perform and discuss repertoire learned in applied instrumental lessons in a group setting in order to acquire critical skills and performance experiences.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**MUS430. Composition Seminar. 1 Credit.**

Weekly meetings for composition students to discuss compositional techniques and share their work-in-progress projects in and informal setting.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS219 Minimum Grade of C-

May be repeated for credit

**MUS432. Writing About Music. 3 Credits.**

Students will develop their writing skills in a variety of modes of musical discourse. Assignments will include performance reviews, website critiques, liner notes or program notes, and a scholarly research paper. A seminar format encourages discussion and revision of students' work. Writing Intensive.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May not be repeated for credit

### **MUS460. Piano Literature: Performance and Analysis. 2 Credits.**

A class in piano literature from both analytical and performance perspectives. Piano instruction is given in a class setting. Students will prepare lesson materials and perform for the class. Criticism will be shared by all students in the class. This class will meet in a periodic fashion and is repeatable for credit.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

### **MUS462. Clinical Musicianship. 1 Credit.**

Students will learn clinical techniques on instruments currently used in music therapy practice. Playing techniques for instruments and vocal traditions from a variety of cultures will be explored. Minimum final grade required B-.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- MUS218 Minimum Grade of B-
- MUS302 Minimum Grade of B-

May not be repeated for credit

### **MUS470. Applied Vocal Jazz. 2 Credits.**

Individual weekly lessons in vocal jazz. For music majors only.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

### **MUS471. Applied Jazz Piano. 2 Credits.**

Individual weekly lessons in jazz piano. For music majors only.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

### **MUS472. Applied Jazz Bass. 2 Credits.**

Individual weekly lessons in jazz bass. For music majors only.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

### **MUS473. Applied Jazz Woodwinds. 2 Credits.**

Individual weekly lessons in jazz woodwinds. For music majors only.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

### **MUS474. Applied Jazz Brass. 2 Credits.**

Individual weekly lessons in jazz brass. For music majors only.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

### **MUS475. Applied Jazz Percussion. 2 Credits.**

Individual weekly lessons in jazz percussion. For music majors only.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

### **MUS476. Applied Jazz Guitar. 2 Credits.**

Individual weekly lessons in jazz guitar. For music majors only.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

### **MUS477. Applied Jazz Miscellaneous. 2 Credits.**

Individual weekly lessons in a jazz instrument. For music majors only.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May be repeated for credit

### **MUS483. Senior Recital. 1 Credit.**

Students in the Classical Performance and Jazz Performance majors present a recital approximately an hour in length on their major instrument. Program planned with and approved by the applied instructor.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May not be repeated for credit

**MUS484. Music Therapy Observations. 2 Credits.**

On-site observation of practicing MT-BC and introduction to use of music therapy methods in a clinical setting. Sixty (60) hours during the semester at an approved facility, plus weekly seminar on campus. On-site evaluation by music therapy faculty as needed.

**Attributes:**

- Service Learning
- Field Study
- Clinical Placement
- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MUS 240 Minimum Grade of B- or MUS250 Minimum Grade of B-
- MUS 340 Minimum Grade of B- or MUS353 Minimum Grade of B-

May be repeated for credit

**MUS490. Senior Project Seminar. 2 Credits.**

The nature of the research and/or creative activity is determined by the student and his/her project advisor and approved by the chair. The project may be analytical, historical or creative. Students meet in a seminar four times during the semester and give a public presentation of the project at the end of the semester. Required of all Music majors except Classical and Jazz Performance majors and those completing MUS480.

**Attributes:**

- Field Study
- Civic Engagement
- Practicum - Non-Clinical
- Creative Works
- Research
- Int Domest Travel Exchange
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Music (507)

May not be repeated for credit

**MUS493. Music Selected Topic. 12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Creative Works
- Research

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**MUS494. Fieldwork in Music. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**MUS495. Indep Study Music. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**MUS499. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

## Native American Studies (NAS)

**NAS193. NAS Selected Topic. 1-3 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

## Philosophy (PHI)

**PHI110. Reason and Argument. 3 Credits.**

The identification, reconstruction, and evaluation of deductive and inductive arguments. Analytic skills are developed through critical analyses of examples of reasoning found in newspaper articles, scientific journals, statistical reports and ethical debates.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**PHI120. Introduction to Western Philosophy. 3 Credits.**

Some main philosophical problems concerning human beings and their place in the universe as discussed in a selection of classic philosophical texts from Greek antiquity through the modern period. Philosophy majors may receive credit in the major for only one of the following introductory courses: PHI120, PHI130, PHI140.

**Attributes:**

- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- Systematic Inquiry
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Aw

May not be repeated for credit

**PHI130. Introduction to Philosophical Problems. 3 Credits.**

Some main problems of philosophy as discussed by contemporary philosophers and by thinkers in the history of philosophy. Problems may include free will, mind and body, existence of God, ethical relativism, egoism, knowledge and belief. Philosophy majors may receive credit in the major for only one of the following introductory courses: PHI120, PHI130, PHI140.

**Attributes:**

- Effective Expression/Written
- Ethical Reflection
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts
- Systematic Inquiry

May not be repeated for credit

**PHI140. Introduction to Global Philosophy. 3 Credits.**

An examination of fundamental topics in various philosophical traditions, such as knowledge, the nature of the person, and the good life. Readings are drawn from diverse civilizations and periods of world philosophy. Philosophy majors may receive credit in the major for only one of the following introductory courses: PHI120, PHI130, PHI140.

**Attributes:**

- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**PHI180. Contemporary Moral Issues. 3 Credits.**

An examination of several issues in contemporary applied ethics, such as abortion, euthanasia, capital punishment, the treatment of animals, global poverty, immigration, and sexual morality.

**Attributes:**

- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

May not be repeated for credit

**PHI190. Elements of Reasoning. 1 Credit.**

Brief introduction to the elements of informal logic: the recognition, analysis, and evaluation of arguments.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**PHI193. Selected Topics, Philosophy. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**PHI201. Symbolic Logic. 3 Credits.**

Techniques for determining the correctness of statements and arguments. Topics include truth-functional and quantificational logic.

**Attributes:**

- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics
- Systematic Inquiry

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT193 Minimum Grade of C- or MAT152 Minimum Grade of C- or MAT 153 Minimum Grade of C-

May not be repeated for credit

**PHI211. Ancient Greek Philosophy. 3 Credits.**

A general introduction to the origin and development of philosophical thought among the Pre-Socratics, Socrates, Plato, and Aristotle, with a detailed analysis of representative texts. Problems in metaphysics, epistemology, ethics, politics, and religion in their historical and cultural context.

**Attributes:**

- Critical Thinking Introductory
- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- Systematic Inquiry
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Aw

May not be repeated for credit

**PHI215. Modern Philosophy. 3 Credits.**

Philosophy of the 17th and 18th centuries: Bacon, Hobbes, Descartes, Spinoza, Leibnitz, Locke, Berkeley, Hume, and/or Kant. Topics may include: subject/object, mind/body, self/other; theories of knowledge; ethical and political theories.

**Attributes:**

- Effective Expression/Written
- GE5: Humanities
- Liberal Arts
- Systematic Inquiry
- GE3: WEST
- GE4: Western Civilization

May not be repeated for credit

**PHI252. East Asian Philosophy. 3 Credits.**

A survey of East Asian philosophy, covering the formative Warring States philosophies, Buddhism, and Neo-Confucianism. Topics include human nature and the good life, good governance, and gender in East Asia.

**Attributes:**

- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

**PHI293. Selected Topics, Philosophy. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

May be repeated for credit

**PHI295. Indep Study Philosophy. 0 Credits.**

May be repeated for credit

**PHI299. Modular Course. 1 Credit.**

May not be repeated for credit

**PHI303. Environmental Ethics. 3 Credits.**

Philosophical issues in environmentalism. Questions to be considered include whether nature has objective value and can animals have rights. The implications of environmental thought for policy questions will also be explored.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI304. Ethics. 3 Credits.**

Examination of the major theories of ethical evaluation and justification. Some attention may be given to questions of relativism, the relation between religion and morality, and contemporary issues.

**Attributes:**

- Critical Thinking Intermediate
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI305. Business Ethics. 3 Credits.**

Analysis, in light of ethical theories, of moral issues arising in business: economic justice, corporate social responsibility, conflict of interest, investment and production, ethics in advertising, environmental responsibility, discrimination.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI306. Biomedical Ethics. 3 Credits.**

A study of the ethical issues arising in the practice of the medical and health sciences. Issues include abortion, euthanasia, genetic research, cloning, and doctor-patient relations.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI307. Philosophy of Mind. 3 Credits.**

Philosophical issues concerning human mind and behavior. Topics may include: action, intention, motive, cause, desire; psychological theories such as behaviorism and psychoanalysis; cognitive psychology; the mind/body problem.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI308. Philosophy and Technology. 3 Credits.**

Theoretical and applied knowledge and their place in human life. Ethical, political, and aesthetic issues raised by contemporary technology, with special attention to computers. Artificial intelligence: minds and machines. Historical and contemporary writings.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI310. Later Greek and Roman Philosophy. 3 Credits.**

Selected works of the ancient Stoics, Epicureans, Sceptics, and Neoplatonists in their historical and cultural context.

**Attributes:**

- Effective Expression/Written
- Ethical Reflection
- GE5: Humanities
- Liberal Arts
- Systematic Inquiry
- GE3: WEST
- GE4: Western Civilization

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI311. Medieval and Renaissance Philosophy. 3 Credits.**

Selected works of Jewish, Islamic, and Christian philosophers of the medieval period. The transition from the Middle Ages to Modernity in the Renaissance.

**Attributes:**

- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- Systematic Inquiry
- GE3: WEST
- GE4: Western Civilization

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI314. 19th-Century Philosophy. 3 Credits.**

Selected authors and problems. Topics may change from year to year. Hegel, Schopenhauer, Marx, Nietzsche, Comte, Mill, and F.H. Bradley are among the authors who may be studied.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI320. God, World, and Soul. 3 Credits.**

The existence and nature of God, reason and faith, religious experience, immortality, miracles, the problem of evil. Ancient, medieval, modern, and contemporary authors of different philosophical and religious persuasions.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI321. Religion, Ethics, and Society. 3 Credits.**

Religion in relation to the development of moral ideas, and to individual morality and social and political institutions. Ancient, medieval, modern, and contemporary authors and documents from Jewish, Christian, and other traditions.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI325. The Meaning of Life. 3 Credits.**

An examination of various theories on the nature, purpose, and meaning of human existence. Readings, from both historical and contemporary sources, will include religious, atheistic, existentialist, analytic, and literary perspectives.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit



**PHI330. Chinese Philosophy. 3 Credits.**

The thought of the classical period of Chinese philosophy. Topics include human nature, self-cultivation, and proper government. Particular attention given to Confucianism and Daoism.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI332. Buddhist Philosophy. 3 Credits.**

An exploration of Buddhist philosophies throughout Asia, from its origins to the present. Topics include Buddhist views on the self, reality, knowledge, and ethics, including contemporary moral questions.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI334. Indian Philosophy. 3 Credits.**

A survey of Indian philosophies, focusing on Hindu and Buddhist philosophies. Topics include the nature of reality, the nature of the self, what knowledge is, the problem of suffering, and the goal of human life.

**Attributes:**

- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI336. Philosophy of Language. 3 Credits.**

Structure and meaning of spoken and written language. Topics may include: signs and meaning, ambiguity, the origin of language, ordinary usage, poetic and magical language.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI341. Philosophy and Literature. 3 Credits.**

A study of philosophical questions as presupposed or expressed in different genres of literature. Topics will relate to the philosophy of literature or the literary treatment of philosophical questions. Background knowledge in Philosophy, English, or both would be helpful to students.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI343. Aesthetics. 3 Credits.**

Problems concerning the interpretation and evaluation of works of literature and fine art. Readings from philosophers and from critics and historians of literature and the arts. Illustrations from the arts of different periods and genres.

**Attributes:**

- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI344. Philosophy of the Arts. 3 Credits.**

Meaning and truth in the arts; the place of the arts in human life. Readings from philosophers such as Plato, Aristotle, Plotinus, Hegel, Schopenhauer, and Nietzsche. Illustrations from the arts of different periods and genres.

**Attributes:**

- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI352. Existentialism. 3 Credits.**

Selected works of philosophers on existence and being in their historical, cultural, and spiritual contexts.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI353. Phenomenology. 3 Credits.**

Selected works on phenomenological method in their historical, cultural, and spiritual context.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI357. Philosophy of Love and Sex. 3 Credits.**

An examination of the conceptual, metaphysical, epistemological, and ethical issues relating to love and sex. Readings from historical and contemporary authors.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI360. Feminist Philosophy. 3 Credits.**

An overview of important figures, topics, and methods in the history of feminist philosophy and contemporary feminist and queer theory, with some focus on the contributions of women of color.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI372. Political and Social Philosophy. 3 Credits.**

Inquiry into the meaning and justification of such basic concepts of social and political life as authority, equality, justice, and liberty.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI375. Philosophy of Law. 3 Credits.**

The nature of law and its relation to morality and other human concerns. Specific problems concerning law and liberty, justice, responsibility and punishment. Readings from classic and contemporary philosophers and from court opinions.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI381. Contemporary Philosophers. 3 Credits.**

Major works of selected contemporary philosophers, such as Whitehead, Russell, Wittgenstein, or Heidegger. (May be repeated for credit.)

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI382. Contemporary Buddhism. 1 Credit.**

An exploration of modern Buddhist thought, its presentation to Western audiences, the relationship between Buddhism and science, and how Buddhism fits in the modern world.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI393. Selected Topics, Philosophy. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**PHI399. Modular Course. 1-12 Credits.****Attributes:**

- Liberal Arts

May be repeated for credit

**PHI461. Philosophy of Natural Science. 3 Credits.**

Review of the elements of scientific method; examination of the role of concepts, hypotheses and laws in science, and selected topics such as cause, space and time.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI465. Philosophy of Social Science. 3 Credits.**

An examination of some of the basic assumptions, concepts and special problems of the social sciences, the nature and limits of their explanations and predictions, and the objectivity of their inquiries. Examples will be taken from contemporary work in anthropology, sociology, economics or social psychology.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI471. Theory Of Knowledge. 3 Credits.**

What is knowledge and how can it be obtained? Topics may include: knowledge and belief; different kinds of knowledge in different domains; discursive and non-discursive knowledge; skepticism. Readings from philosophers past and present.

**Attributes:**

- Information Mgmt Intrmd
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI474. Metaphysics. 3 Credits.**

The nature of reality as a whole; events and things; particulars and universals; cause and effect; space and time; mind, matter, and God. One or more metaphysical systems may be studied.

**Attributes:**

- Information Mgmt Intrmd
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI490. Seminar. 3 Credits.**

An advanced seminar on a selected topic. The course may be taken multiple times.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Philosophy (550)

May be repeated for credit

**PHI493. Selected Topics, Philosophy. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**PHI494. Fieldwork in Phl. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHI495. Indep Study Philosophy. 1-12 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**Physics & Astronomy (PHY)****PHY093. Physics Special Topics. 0 Credits.**

May be repeated for credit

### **PHY108. Seeing the Light: Physics, Vision and Art. 3 Credits.**

A study of light, vision and art from an optical physics perspective, learning about photons, wavelength, and energy how our eyes see light, and the creation of visual art. Learn the function of the eye's lens, retina and visual cortex, and explore parallel developments in art, vision and physics.

#### **Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Comm Disorders Post-BA (089)

#### **Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT053 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

### **PHY109. Physics of Sound and Music. 3 Credits.**

Nature, transmission, and absorption of sound; speech; hearing; music; noise; musical instruments and amplifying systems; rooms and auditoriums; sources of noise and noise pollution; noise codes; control of noise; and practical means of noise reduction.

#### **Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Physics (511)

#### **Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT053 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

### **PHY193. Physics Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

### **PHY199. Modular Course. 0 Credits.**

May not be repeated for credit

### **PHY201. General Physics 1. 3 Credits.**

Basic principles of mechanics, wave motion, and thermodynamics using vector analysis and calculus. Primarily for students majoring in physics, engineering, mathematics, and chemistry; students majoring in biology and geology should consult their advisor if they wish to take this course in preference to PHY221.

#### **Attributes:**

- Liberal Arts
- GE4: Natural Science Lecture
- GE5: Natural Science Lecture
- GE3: NSCI
- Systematic Inquiry

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Comm Disorders Post-BA (089)

#### **Prerequisites:**

- Math Placement Level Minimum Score of 6 or MAT251 Minimum Grade of C-
- PHY211 Minimum Grade of D-\*

\* May be taken at the same time

May not be repeated for credit

### **PHY202. General Physics 2. 3 Credits.**

Basic principles of electricity, magnetism, and optics using vector analysis and calculus. Primarily for students majoring in physics, engineering, mathematics, and chemistry; students majoring in biology and geology should consult their advisor if they wish to take this course in preference to PHY222.

#### **Attributes:**

- Liberal Arts
- GE4: Natural Science Lecture
- GE3: NSCI
- Systematic Inquiry

#### **Restrictions:**

- Must have the following level: Undergraduate

#### **Prerequisites:**

- PHY201 Minimum Grade of D-
- MAT252 Minimum Grade of D-
- PHY212 Minimum Grade of D-\*

\* May be taken at the same time

May not be repeated for credit

### **PHY203. General Physics I Workshop. 0 Credits.**

Problem-solving course to be taken concurrently with PHY201 gives students an opportunity to solve additional problems, preview sample exams or review exams, and ask questions about lecture material.

#### **Restrictions:**

- Must have the following level: Undergraduate

#### **Corequisites:**

- PHY201

May not be repeated for credit

**PHY204. General Physics II Workshop. 0 Credits.**

Problem-solving course to be taken concurrently with PHY202 gives students an opportunity to solve additional problems, preview sample exams or review exams, and ask questions about lecture materials.

**Restrictions:**

- Must have the following level: Undergraduate

**Corequisites:**

- PHY202

May not be repeated for credit

**PHY205. Exploring the Solar System. 3 Credits.**

Introduction to solar system including history of astronomy, laws of mechanics and gravitation, motions of heavenly bodies, telescopes, space exploration and descriptions of sun, planets, moons, asteroids, comets and meteors. Planetarium demonstrations, sky viewing with telescopes and computer simulations. No science preparation required. Limited use of algebra. No prerequisite.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Lecture
- GE4: Natural Science Course
- GE5: Natural Science Lecture
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**PHY206. Exploring the Universe. 3 Credits.**

Introduction to the universe beyond the solar system. Distance to stars, classes of stars, structure of stars, stellar evolution, white dwarfs, neutron stars, black holes, pulsars, quasars, radio astronomy, the Milky Way, galaxies, relativity and cosmology. Planetarium demonstrations, sky viewing with telescopes and computer simulation. No science preparation required. Limited use of Algebra.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Course
- GE5: Natural Science Course
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**PHY207. Exploring Astronomy Laboratory. 1 Credit.**

Application of astronomy principles through observing the night sky and modeling astronomical phenomena in a lab setting. Students will use and construct simple telescopes and other tools to take astronomical measurements and interpret results. Computer simulations and other models will be used to demonstrate sky and planetary motion.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Lab
- GE5: Natural Science Lab

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- PHY205 Minimum Grade of D-\*
- Math Placement Level Minimum Score of 4 or MAT152 Minimum Grade of D-

\* May be taken at the same time

May not be repeated for credit

**PHY208. The World of Sound. 4 Credits.**

Fundamentals of acoustics, acoustical measurement and analysis, acoustics technology, and digital processing of acoustical signals. This course includes a laboratory component.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Lecture
- GE4: Natural Science Lab
- GE5: Natural Science Lecture
- GE5: Natural Science Lab
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT053 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

May not be repeated for credit

**PHY211. Physics 1 Laboratory. 1 Credit.**

Experiments involve measurement and analysis using equipment such as air tracks, motion sensors, force meters, and photogate timers, coupled with computer software, to gain insight into linear and rotational motion phenomena.

**Attributes:**

- Practicum - Non-Clinical
- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- GE4: Natural Science Lab
- GE5: Natural Science Lab

**Prerequisites:**

- (PHY201 Minimum Grade of D-\*) or (PHY221 Minimum Grade of D-\*)

\* May be taken at the same time

May not be repeated for credit

**PHY212. General Physics 2 Lab. 1 Credit.****Attributes:**

- Practicum - Non-Clinical
- Liberal Arts
- GE4: Natural Science Lab

**Corequisites:**

- PHY202

May not be repeated for credit

**PHY221. Fundamental Physics 1. 3 Credits.**

An algebra-based introduction to particle mechanics, rigid-body and continuous matter motion, fluid mechanics, wave motion, structure of matter and thermo-dynamic principles.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Lecture
- GE5: Natural Science Lecture
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- Math Placement Level Minimum Score of 4 or MAT193 Minimum Grade of D- or MAT152 Minimum Grade of D- or MAT 153 Minimum Grade of D-
- PHY211 Minimum Grade of D-\*

\* May be taken at the same time

May not be repeated for credit

**PHY222. Fundamental Physics II. 3 Credits.**

An algebra-based introduction to electricity, magnetism, electromagnetic waves, optics, relativity, quanta, Bohr atom, complex atom, ions and molecules, solid state, nucleus, nuclear transformation, and elementary particles.

**Attributes:**

- Liberal Arts
- GE4: Natural Science Lecture
- GE3: NSCI
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- PHY221 Minimum Grade of D-

**Corequisites:**

- PHY232

May not be repeated for credit

**PHY223. Fundamental Physics I Workshop. 0 Credits.**

Problem-solving course to be taken concurrently with PHY221 gives students an opportunity to solve additional problems, preview sample exams or review exams, and ask questions about lecture material.

**Restrictions:**

- Must have the following level: Undergraduate

**Corequisites:**

- PHY221

May not be repeated for credit

**PHY224. Fundamental Physics II Workshop. 0 Credits.**

Problem-solving course to be taken concurrently with PHY222 gives students an opportunity to solve additional problems, preview sample exams or review exams, and ask questions about lecture material.

**Restrictions:**

- Must have the following level: Undergraduate

**Corequisites:**

- PHY222

May not be repeated for credit

**PHY231. Fundamental Physics 1 Lab. 1 Credit.****Attributes:**

- Practicum - Non-Clinical
- Liberal Arts
- GE4: Natural Science Lab
- GE5: Natural Science Lab

**Corequisites:**

- PHY221

May not be repeated for credit



**PHY232. Fundamental Physics 2 Lab. 1 Credit.****Attributes:**

- Practicum - Non-Clinical
- Liberal Arts
- GE4: Natural Science Lab

**Corequisites:**

- PHY222

May not be repeated for credit

**PHY293. Physics Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**PHY295. Indep Study Physics. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**PHY299. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**PHY300. Mathematical Physics I. 3 Credits.**

A study of the differential equations, linear algebra, and vector calculus in the context of the physical problems in which they arise. Computational techniques are used where appropriate.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT252 Minimum Grade of D-

May not be repeated for credit

**PHY301. Mathematical Physics II. 3 Credits.**

A continuation of Mathematical Physics I. Fourier series, partial differential equations, and complex analysis, all discussed in the context of the physical problems in which they arise. Computer techniques are used where appropriate.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY300 Minimum Grade of D-

May not be repeated for credit

**PHY305. Computational Physics. 3 Credits.**

Introduction to numerical techniques – root finding, integration, matrix manipulations, differential equations. Numerical simulations – oscillations, space flight, electric fields, linear and non-linear waves, crystal growth.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT341 Minimum Grade of D-
- PHY202 Minimum Grade of D-

May not be repeated for credit

**PHY306. Mechanics 1. 3 Credits.**

This is the first of a two-semester sequence comprising a traditional classical mechanics course. Topics include one-dimensional motion, energy and momentum conservation, central forces, Lagrangian and Hamiltonian formulations, systems of particles, and accelerated coordinated systems.

**Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY202 Minimum Grade of D-
- MAT341 Minimum Grade of D-\*

\* May be taken at the same time

May not be repeated for credit

**PHY307. Mechanics 2. 3 Credits.**

This is the second of a two-semester sequence comprising a traditional classical mechanics course. Topics include Langrange and Hamiltonian formulations; gravitation, central force problems, and planetary motion; systems of particles; accelerated coordinate systems.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY306 Minimum Grade of D-

May not be repeated for credit

**PHY308. Modern Physics I. 3 Credits.**

An introduction to the physics of atoms, starting with the origin of the quantum theory. Extensive discussion of the hydrogen atom. Other topics chosen from solid state physics, statistical physics, and nuclear physics if time permits. Computational techniques are used where appropriate.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY202 Minimum Grade of D-

May not be repeated for credit

**PHY309. Modern Physics II. 3 Credits.**

A continuation of Modern Physics I, covering special relativity and other topics chosen from atomic physics, nuclear physics, statistical physics, and solid state physics. Computational techniques are used where appropriate.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY308 Minimum Grade of D-

May not be repeated for credit

**PHY310. Modern Physics Laboratory. 1 Credit.**

A laboratory course demonstrating the principles of Modern Physics PHY309. Required for Physics majors.

**Attributes:**

- Practicum - Non-Clinical
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY202 Minimum Grade of D-

May not be repeated for credit

**PHY311. Classical Mechanics. 3 Credits.**

An intermediate level course in Newtonian mechanics. Linear and angular motion, conservation laws, Lagrangian and Hamiltonian formulations. Computational methods are used where appropriate.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY300 Minimum Grade of D-

May not be repeated for credit

**PHY313. Electricity and Magnetism. 3 Credits.**

Laws of electricity and magnetism and their applications using vector analysis and computational techniques. Differential forms of Maxwell's equations.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY202 Minimum Grade of D-
- MAT341 Minimum Grade of D-

May not be repeated for credit

**PHY314. Relativity. 1 Credit.**

This is a short course in Special Relativity covering the following aspects: experiments leading up to the theory, relative nature of time and distance measurements, constancy of the speed of light, Lorentz transformations, length contraction, time dilation, simultaneity, momentum and energy relations, mass-energy equivalence, and relativistic Doppler effect.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY202 Minimum Grade of D-

May not be repeated for credit

**PHY315. Engineering Mechanics. 4 Credits.**

A study of static and dynamic force systems. Vector and conventional techniques are used in problem solving. Properties of force systems, free body analysis, properties of area and mass, friction, kinematics and kinetics of particles and rigid bodies, energy and momentum method. Both English and SI units are used.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT252 Minimum Grade of D-
- PHY201 Minimum Grade of D-

May not be repeated for credit

**PHY322. Optics. 3 Credits.**

Geometrical and physical optics including thick lenses, polarization, coherence, interference and diffraction; propagation in crystals; non-linear optics; photon statistics; radiation pressure; electro-optics; gas crystals; semi-conductor laser.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY306 Minimum Grade of D-
- MAT342 Minimum Grade of D-

May not be repeated for credit

**PHY323. Optics Laboratory. 2 Credits.**

Introduces students to advanced experiments in optical physics and to experimental techniques in physics research. Topics include lasers, reflection, lenses and imaging, and polarization. Emphasis is on students investigating each experiment and communicating their observations through reports and presentations to build essential research skills.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY306 Minimum Grade of D-

May not be repeated for credit

**PHY324. Optics Lab for Astronomers. 1 Credit.**

Introduces students to experiments in optical physics relevant to astronomy and to experimental techniques in physics and astronomy as a subset of Optics Lab for physics majors. Topics include reflection, lenses and imaging, and polarization. Emphasis is on students investigating and communicating their observations through notebooks and presentations to build essential skills.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Physics (511)

**Prerequisites:**

- PHY308 Minimum Grade of D-

May not be repeated for credit

**PHY331. Quantum Physics. 3 Credits.**

Origin of Planck's quantum hypothesis and its later development through the deBroglie wave-particle duality to the modern quantum mechanics of Schroedinger and Heisenberg. Principles of correspondence, complementarity, and uncertainty. Application of quantum mechanics to basic problems such as the time-independent Schroedinger Equ., hydrogen atom and spin phenomena.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT341 Minimum Grade of D-
- PHY308 Minimum Grade of D-

May not be repeated for credit

**PHY340. Introduction to Astrophysics. 3 Credits.**

Introduction for science majors. Formation of stars, H-R diagram, binaries, brightness scale, distance ladder, doppler effect, stellar masses, parallax, proper motion, radial motion, mass-luminosity, black-body radiation, spectroscopy, telescopes, dense stars, black holes, galaxies, relativity and cosmology.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY201 Minimum Grade of D-

May not be repeated for credit

**PHY341. Observational Astronomy. 3 Credits.**

An introduction to the tools and techniques of observational astronomy, including astronomical image analysis, telescopes and CCD detectors, reduction and analysis of astronomical spectra. Course requires nighttime telescopic work.

**Attributes:**

- Practicum - Non-Clinical
- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY340 Minimum Grade of D- or PHY206 Minimum Grade of D-

May not be repeated for credit

**PHY342. Planetarium Operation. 3 Credits.**

Principles and operation of planetarium projection devices, and their use in developing public planetarium shows.

**Attributes:**

- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY205 Minimum Grade of D-

May not be repeated for credit

**PHY343. Solar Physics. 3 Credits.**

A study of the structure of the Sun, and the physical phenomena (such as sunquakes, eclipses, sunspots, flares, prominences) that take place in its interior and near the surface.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY340 Minimum Grade of D-

May not be repeated for credit

**PHY344. Life in the Universe. 3 Credits.**

Origin of life on Earth, possibility of life in the solar system, existence of other planetary systems, techniques for detection of and communication with other intelligences.

**Attributes:**

- Critical Thinking Advanced
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY205 Minimum Grade of D-
- PHY206 Minimum Grade of D- or PHY340 Minimum Grade of D-

May not be repeated for credit

**PHY345. Galaxies and Cosmology. 3 Credits.**

The Milky Way; the properties, contents, origins, and evolution of galaxies; the properties of their central black holes, active galaxies and starbursts; dark matter in galaxies and clusters; galaxy clustering and large-scale structure; models of the universe, its history and its future; the early Universe; and dark energy.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY340 Minimum Grade of C-

May not be repeated for credit

**PHY366. Nonlinear Dynamics. 3 Credits.**

A study of systems where a change of the output is not proportional to the change of the input. In the real world, systems are typically nonlinear.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT341 Minimum Grade of C- or MAT359 Minimum Grade of C-

May not be repeated for credit

**PHY393. Physics Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**PHY399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHY402. Fluid Mechanics. 3 Credits.**

Fundamental physical characteristics, fluid statics; kinematics; flow of incompressible, compressible, and real fluids. Theory of models as applied to physical systems and development of several models of fluids.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY202 Minimum Grade of D-
- MAT341 Minimum Grade of D-

May not be repeated for credit

**PHY422. Thermal Physics. 3 Credits.**

Basic laws of thermodynamics. Conditions of equilibrium equations of state, Euler equation. Gibbs-Duhem relations, thermodynamic potentials, and the Nernst Theorem.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- MAT342 Minimum Grade of D-

May not be repeated for credit

**PHY424. Advanced Physics Laboratory. 3 Credits.**

This course introduces students to advanced experiments in physics, experimental techniques in science research, and writing in a scientific research format. Topics include electricity and magnetism, quantum mechanics, optics, and nuclear physics. Emphasis is on implementing and investigating each experiment and communication observations through online forums, written notebooks, and research articles. Students will learn skills and knowledge that they can apply to future experimental research situations.

**Attributes:**

- Practicum - Non-Clinical
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY331 Minimum Grade of D-

May not be repeated for credit

**PHY429. Solid State Physics. 3 Credits.**

Crystals: Binding, symmetries, diffraction, reciprocal lattice, defects. Lattice dynamics: Phonons, modes, specific heat, thermal conduction. Metals: Free electron theory, band theory, superconductivity. Semiconductors: Fermi-Dirac Statistics, transport, band shapes, p-n junction, electronic devices.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY308 Minimum Grade of D-

May not be repeated for credit

**PHY432. Atomic and Nuclear Physics. 3 Credits.**

Elementary quantum mechanics applied to multielectron atoms, identical particles, magnetic effects and nuclear systems. Quantum nature of elementary particles. Selections from quantum statistics, solid state physics, superconductivity and magnetic properties of solids according to class interest.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PHY308 Minimum Grade of D-

May not be repeated for credit

**PHY491. Physics Senior Project (3-6). 3 Credits.**

Project may be either experimental or theoretical physics by arrangement with a physics faculty advisor. Plan must be approved in the prior semester by chairperson.

**Attributes:**

- Creative Works
- Research
- Critical Thinking Advanced
- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**PHY492. Physics Senior Project Continuation (1-3). 3 Credits.**

Continuation of senior project. Student must have completed PHY491 and have approval of chairperson.

**Attributes:**

- Creative Works
- Research

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHY493. Physics Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**PHY494. Fieldwork in Physics. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PHY495. Indep Study Physics. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**PHY499. Modular Course. 1 Credit.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

## Political Science (POL)

**POL193. Pol Sci Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**POL199. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**POL210. The Nature of Political Thinking. 3 Credits.**

An introduction to the field of political theory by looking at how some political theorists have discussed fundamental questions of public life such as human nature, freedom, the purpose of politics, democracy, and legitimacy.

**Attributes:**

- Effective Expression/Written
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**POL216. American Govt and Politics. 4 Credits.**

Structure and processes of the American system of government and politics. Basic constitutional principles, the theory and practice of representative government, and the organization and function of the political system.

**Attributes:**

- Liberal Arts
- Systematic Inquiry
- GE3: USST
- GE4: United States Studies
- GE5: US History Civic Engmnt

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**POL220. Athens and Jerusalem: Political Thought in the Ancient and Medieval Worlds. 4 Credits.**

A consideration of the nature and purpose of political association, human purpose and flourishing, the origins of the state, justice, equality, relations between states, and the relationship between theology, philosophy, and politics.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Aw

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**POL227. Intro International Politics. 4 Credits.**

Policies of the great powers and smaller nations, and their relations to each other. Elements of national power and their impact on world affairs.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit



**POL229. Intro to Comparative Politics. 4 Credits.**

Study of the major political systems of the world through the use of comparative theories and techniques.

**Attributes:**

- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**POL293. Political Sci Select Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**POL295. Indep Study Political Science. 1-6 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**POL299. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**POL300. Political Science Research Methods. 4 Credits.**

Focusing on empirical political science, emphasizing learning by doing, this class explores some of the methods by which political scientists and international relations scholars collect and analyze data.

**Attributes:**

- Research
- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - International Relations (534)
  - Political Science (533)

**Prerequisites:**

- POL216 Minimum Grade of C- or POL227 Minimum Grade of C- or POL220 Minimum Grade of C- or POL323 Minimum Grade of C- or POL229 Minimum Grade of C-

May not be repeated for credit

**POL301. State and Local Politics. 3 Credits.**

The organization and operation of government and politics in the American States and local governments. Fiscal and policy relationships between levels of government, in the context of the federal system.

Special emphasis on New York State.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL302. Political Parties and Interest Groups. 3 Credits.**

Political parties and interest groups as mediating institutions in American politics, with special focus on their role in nominating and electing public officials and their internal dynamics.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL303. Campaigns and Elections. 3 Credits.**

What decides elections? What do elections decide? We will seek answers to these questions through reading the political science literature carefully and through original research projects, including research on the current elections.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL305. American Legislative Process. 3 Credits.**

Survey of American legislative systems, emphasizing Congress, the state legislatures, and the internal forces and procedures that facilitate or delay the solutions of urgent public problems. Organic political relationships with other institutions of government and within the entire Federal structure.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL310. Public Management. 3 Credits.**

Introduction to the principles and practices of administrative organization and management in government.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL311. American Environmental Politics. 3 Credits.**

Study of current environmental problems and efforts to develop policies to address them through American policy-making process and examination of roles that political actors play in that process.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL316. American Public Policies. 3 Credits.**

Survey of American public policies, contrasting philosophies shaping evolution and evaluations of policy implementation by government. Policies include: business and labor regulation, education, affirmative action, social welfare and security, health and environmental protection.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL317. The American Judiciary. 3 Credits.**

Federal and state courts examined from a political perspective. Federal and state court structure, methods of selection of judicial personnel, aspects of the legal profession as practiced in America that affect judicial decisions, intricacies of court procedure, and personal background characteristics relevant to judicial decisions.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- POL216 Minimum Grade of C-

May not be repeated for credit

**POL319. Politics and Media. 3 Credits.**

This course explores the relationship between the various media, politicians, and government officials. Particular attention is paid to the way the press and legislators, political executives, lobbyists, and members of the legislature interact.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL320. Protest Movements. 3 Credits.**

Examination of the origins, strategies, and outcomes of American protest movements, and major analytic concepts and research methods in the study of movements, through reading, discussion, replication and extension of earlier studies, and original research.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL323. Sovereigns, Subjects, and the State: Modern Political Thought. 4 Credits.**

A survey of major political thinkers from Machiavelli to Nietzsche with emphasis on key concepts like modernity, liberalism, justice, rights, freedom, and the idea of the self.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL324. International Relations Theory. 3 Credits.**

A theoretical examination of the main ideas of several different competing schools of thought within the field of international relations.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- POL227 Minimum Grade of C-

May not be repeated for credit

**POL325. Power, Justification, Discipline: Political Thought in the Twentieth Century. 3 Credits.**

Considers Post and Anti-Enlightenment theories of the political in the 20th Century, including readings from Nietzsche, Heidegger, Schmitt, Arendt, Foucault and Agamben.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL326. Politics and Theater. 3 Credits.**

Considers the nature of the relationship between politics and theater through readings of prominent plays and commentaries on theater and the arts by major political thinkers.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL327. Liberalism and its Critics. 3 Credits.**

Examines philosophical underpinnings of contemporary liberal theory as well as significant responses to it including communitarian, conservative and libertarian thought. Readings include selections from John Rawls, Robert Nozick, Alasdair MacIntyre, Charles Taylor, Michael Oakeshott, Michael Sandel and others.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL329. Political Obligation and Punishment. 3 Credits.**

Provides a general acquaintance with two topics in modern political thought: theories of political obligation and the state's power to punish. Additionally, the class will investigate what the potential consequences are for failing to find a justification for political obligation or punishment.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL331. American Political Thought. 3 Credits.**

Origin, development, and nature of theories which have significantly influenced the development of American politics.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL332. The American Presidency. 3 Credits.**

The role of the Federal executive in the American constitutional system, the sources of his power, and the organization of the executive office.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL334. Film and Politics. 3 Credits.**

Examines the social and political implications of documentaries, Hollywood-style, independent, and foreign films.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL336. Middle Eastern Politics and Institutions. 3 Credits.**

Experience of the Middle Eastern countries with Western-type governments and institutions. Interplay of historical, religious, economic, and social factors as they affect the process of westernization and the emergence of nationalism.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL339. Model United Nations. 3 Credits.**

Preparation for participation in Model United Nations simulations around the country. Individual research on the United Nations and cooperative efforts to represent an assigned nation and its foreign policy; to serve on UN committees, such as political affairs, international economics, legal issues, human rights and disarmament.

**Attributes:**

- Field Study
- Civic Engagement
- Research
- Int Domestic Travel Exchange
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**POL341. Revolution and Counterrevolution. 3 Credits.**

Study of the types, causes, and consequences of revolution and counterrevolution in the twentieth century. Particular emphasis on the Russian, Chinese, and Third World revolutions as well as contemporary counterrevolution.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL342. Politics of Developing Areas. 3 Credits.**

Comparative study of the processes, institutions, and issues of political systems in the developing societies of Africa, Middle East, Asia, and Latin America. Overview course to prepare students for more intensive studies dealing with specific areas.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL344. Politics of International Economic Organizations. 3 Credits.**

The origins, objectives, membership, organizational structure, rules, accomplishments, politics, relations with UN agencies, recent trends and problems, and future prospects of international financial, trade and energy organizations (such as IMF, World Bank, GATT, UNCTAD, OPEC).

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- POL227 Minimum Grade of C- or ECO206 Minimum Grade of C- or ECO207 Minimum Grade of C-

May not be repeated for credit

**POL345. War and International Politics. 3 Credits.**

Study of forms, causes and consequences of armed conflict in the international system. Topics to be considered include: military power as a tool of foreign policy, inter-state warfare -- causes and resolution, just war doctrines, civil wars, and international politics, terrorism.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- POL227 Minimum Grade of C-

May not be repeated for credit

**POL346. International Political Economy. 3 Credits.**

The course analyzes the political dimensions of international economic relations. Special attention is given to the historical evolution of international political economy, the contending theoretical perspectives, as well as the relationship between governments and business corporations.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- POL227 Minimum Grade of C- or ECO206 Minimum Grade of C- or ECO207 Minimum Grade of C-

May not be repeated for credit

**POL347. Politics of Environment and Development. 3 Credits.**

Focus on domestic and international environmental ramifications of efforts to encourage development in less developed countries. The course evaluates current theories and practices aimed at addressing the tensions between economic development and environmental protection.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL350. Introduction to Law. 3 Credits.**

The legal system and the role of law, systematic examination of the various branches of the law and their historical development; the effects of the law on human activity and the interrelationships of persons.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL351. Constitutional Law: National Government. 3 Credits.**

Analysis of constitutional aspects of the powers of the President, Congress, and the Courts; foreign relations and the war power; federal-state relations; regulation of the national commerce; nationality; elections.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- POL216 Minimum Grade of C-

May not be repeated for credit

**POL352. Constitutional Law: Civil Liberties. 3 Credits.**

Analysis of constitutional protections of personal rights and liberties, such as: desegregation, protection against sex discrimination, freedom of expression, privacy, fair trial.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- POL216 Minimum Grade of C-

May not be repeated for credit

**POL353. International Relations of the Americas. 3 Credits.**

International political, military, diplomatic and economic relations of the Western hemisphere in the 20th century; US-Latin American relations, especially post-World War II; regional trends of economic restructuring and integration (NAFTA, Andean Pact, MERCOSUR) in the 1980's and 1990's.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL354. European Politics and Government. 3 Credits.**

Comparative study of government and politics under the constitutional systems of Western Europe.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL355. Criminal Law. 3 Credits.**

Statutory basis, constitutional context, and court decisions affecting criminal law, with special focus on New York. Particular attention to legal limits to arrest, search, and interrogation procedures; pre-trial hearings; discovery procedures; and role of defense counsel.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL356. Sex Discrimination and the Law. 3 Credits.**

Study of the legal under-pinnings of sex discrimination in the United States through case law and statutes. Coverage of such topics as employment, credit, rape, the ERA and discrimination on the basis of sexual preference.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL357. International Law. 3 Credits.**

Role of law in international relations. Development, interpretation, and application of legal rules, and legal aspects of major contemporary problems.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL362. Politics of China and India. 3 Credits.**

Comparative study of socio-economic and political development in China and India.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL363. Chinese Foreign Pol and US. 3 Credits.**

Focus on Chinese foreign policy institutions, processes and actors, and their role in foreign policy making. Secondary focus on key foreign policy issues, specifically those influencing US-China relations.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL364. Nationalism in World Politics. 3 Credits.**

The primary objective of this course is to examine the nature of nationalism in world politics: its political basis, ideological composition, security implications, and future.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL365. International Politics of the Asia-Pacific. 3 Credits.**

Twentieth-century foreign policies of and international relations among the U.S., China, Soviet Union, Japan, and Korea, with special emphasis on foreign policy leadership and institutional processes of these countries.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL366. American Foreign Policy. 3 Credits.**

Examination of historical and institutional foundations and applications of American foreign policy.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- POL216 Minimum Grade of C- or POL227 Minimum Grade of C-

May not be repeated for credit

**POL368. Defense Issues in American Foreign Policy. 3 Credits.**

Major issues facing the United States in formulating and implementing military policy in the nuclear age. Half the course will focus on nuclear weapons in U.S. foreign policy. The remainder will be on the role of conventional military power in U.S. foreign policy.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL369. Governments and Politics of China and Japan. 3 Credits.**

A study of the contemporary political institutions (governments, parties, interest groups), policymaking processes and public policies of two of the most important world powers, and a brief comparison with the U.S.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL370. United Nations Semester. 6 Credits.**

An intensive examination of the United Nations that involves regular lectures on campus and weekly briefings at the United Nations headquarters in New York City. A total of ten trips to the United Nations are scheduled during the course of the semester.

**Attributes:**

- Field Study
- Civic Engagement
- Research
- Int Domestic Travel Exchange
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit



**POL371. Latin American Politics. 3 Credits.**

Political dynamics, structures and processes in Latin America. The course examines history and political economy of regions, social structures, coups and military states, revolutionary and nationalist movements, impact of international factors, and transitions to democracy.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL372. International Relations of the Middle East. 3 Credits.**

Foundations of international relations in the Middle East in terms of concepts and realities of international politics. Interstate relations in the region as well as their external relations with the superpowers.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL373. Russian Politics: Past and Present. 3 Credits.**

This course serves as an introduction to politics of the Soviet Union and the Russian Federation. It has two main objectives: provide students with the background necessary to understand this region and place current changes in a comparative framework.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL374. Politics of the European Union. 3 Credits.**

The course details the essential structures, actors, and processes of the European Union. Special attention is given to its historical background and institutional structure, as well as its foreign, economic, and social policies.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL379. Women in Politics. 3 Credits.**

Why are there so few women in political office, in the U.S., and other parts of the world? Would more women in politics make a difference to public policymaking, or to international relations? This course comparatively considers barriers and opportunities for women in politics globally.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL384. State Politics Semester. 5 Credits.**

Full-time internship in Albany with state legislator, administrative agency, or political party leader to carry out tasks of internship supervisor.

Academic requirements include seminar participation, weekly papers, daily journal, and related book reviews.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL390. Junior Seminar in Political Science. 4 Credits.**

An examination of a major theme in a subfield of Political Science, a preparation for the senior seminar. Students will practice good research habits, learn appropriate seminar etiquette, and develop a research project.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior

**Prerequisites:**

- POL216 Minimum Grade of C-
- POL227 Minimum Grade of C-
- POL229 Minimum Grade of C-
- POL300 Minimum Grade of C-
- POL323 Minimum Grade of C- or POL220 Minimum Grade of C-

May be repeated for credit

**POL393. Pol Sci Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**POL399. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL401. Seminar in American Government and Politics. 4 Credits.**

Study of major issues in American government and politics. Students will present a major research paper to the seminar by the end of the course.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Political Science (533)

**Prerequisites:**

- POL300 Minimum Grade of C-
- POL216 Minimum Grade of C-

May not be repeated for credit

**POL403. Seminar in Comparative Politics. 4 Credits.**

Study of the major issues in Comparative Politics. Students will present a major research paper to the seminar by the end of the course.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - International Relations (534)
  - Political Science (533)

**Prerequisites:**

- POL300 Minimum Grade of C-
- POL229 Minimum Grade of C-

May not be repeated for credit

**POL404. Seminar in International Relations. 4 Credits.**

Study of the major contributions of classical and contemporary thinkers in the field of International Relations. Students will present a major research paper to the seminar by the end of the course.

**Attributes:**

- Civic Engagement
- Research
- Int Domestic Travel Exchange
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - International Relations (534)
  - Political Science (533)

**Prerequisites:**

- POL300 Minimum Grade of C-
- POL227 Minimum Grade of C-

May not be repeated for credit

**POL405. Seminar in Political Theory. 4 Credits.**

An examination of significant issues, figures, and concepts in political theory. Students will develop and present a major research paper by the end of the course.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Political Science (533)

**Prerequisites:**

- POL300 Minimum Grade of C-
- POL220 Minimum Grade of C-
- POL323 Minimum Grade of C-

May not be repeated for credit

**POL406. Seminar in Law. 4 Credits.**

Advanced seminar in law. The purpose is to strengthen and expand the student's knowledge of law, the legal system and the judicial process in order to investigate critically and timely issues at the intersection of law and politics. A major research paper is required.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Political Science (533)

**Prerequisites:**

- POL300 Minimum Grade of C-
- POL216 Minimum Grade of C-

May not be repeated for credit

**POL480. Government Internship. 9-15 Credits.**

Provides students with an integrated academic work experience in a government or administrative agency for a semester. Possible positions include state legislature, United States Congress, police agencies, planning units, newspapers, and radio stations. Students work a minimum of 40 hours per week in close cooperation with political leaders and officials and participate in a weekly academic seminar. Interns are required to do a large amount of assigned reading, maintain a comprehensive journal, and submit weekly reaction papers. Instructors hold frequent individual conversations with interns as well as the agency supervisors. Students are allowed to register for no more than 15 academic credits while participating in the program.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL481. Government Fieldwork I. 3 Credits.**

Taken in conjunction with POL480.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL482. Government Fieldwork 2. 3 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**POL484. State Politics Semester. 15 Credits.**

Full-time internship in Albany with state legislator, administrative agency, or political party leader to carry out tasks of internship supervisor.

Academic requirements include seminar participation, weekly papers, daily journal, and related book reviews.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in one of the following classes: Senior, Junior

**Prerequisites:**

- POL216 Minimum Grade of C-

May not be repeated for credit

**POL485. Legislative Gazette. 6 Credits.**

Full-time internship in Albany producing the Legislative Gazette.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Corequisites:**

- DMJ461

May not be repeated for credit

**POL491. Honors Research. 3 Credits.**

Research in primary sources under the direction of a faculty member. Recommendation of faculty member and approval of departmental honors committee for honors in political science.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**POL493. Polit Sci Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**POL494. Fieldwork In Political Science. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**POL495. Indep Study Political Science. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

## Portuguese (POR)

**POR101. Elementary Portuguese 1. 4 Credits.**

First half of a foundation course. Introduction to Portuguese for students with little or no previous knowledge of the language. Fundamentals of speaking, listening, reading and writing. Basic grammatical concepts and some cultural information about the Portuguese-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 1
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 1

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**POR102. Elementary Portuguese 2. 4 Credits.**

Second half of a foundation course. Continuation of Elementary Portuguese 1. further fundamentals of speaking, listening, reading and writing. Further basic grammatical concepts, such as additional tenses and modes, plus additional cultural information about the Portuguese-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 2
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 2

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- POR101 Minimum Grade of D-

May not be repeated for credit

**POR193. Portuguese Selected Topics. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

## Psychology (PSY)

**PSY093. Psychology Research Experience. 0 Credits.**

Direct experience in psychology research, including experiences as a research participant and/or attending lectures on psychology research, or related activities.

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration): Psychology (539)

May not be repeated for credit

**PSY101. Introduction to Psychology. 3 Credits.**

Survey of topics in psychology such as learning, memory, sensation and perception, states of consciousness, personality, lifespan development, brain and behavior, stress and health, social psychology, psychological disorders and their treatment, and research methods.

**Attributes:**

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following field(s) of study (major, minor or concentration): Comm Disorders Post-BA (089)

May not be repeated for credit

**PSY130. Psychology of Adjustment. 3 Credits.**

The adjustment processes across the lifespan. Examines key components of personal and social adjustments as they apply to school, work, relationships, family life, and coping with everyday responsibilities. Does not count toward majors or minors in psychology.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**PSY193. Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**PSY201. Psychological Statistics. 4 Credits.**

Descriptive and inferential statistical procedures used in psychological research. Covers correlations, confidence intervals, hypothesis testing with t-tests, analysis of variance, and linear regression. Lab includes introduction to statistical analysis software.

**Attributes:**

- Research
- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psy: Industrial/Organizational (PIO)
  - Psychobiology (539P)
  - Psychology (539)

**Prerequisites:**

- PSY101 Minimum Grade of C- or PSY 272 Minimum Grade of C-
- Math Placement Level Minimum Score of 3 or MAT 151 Minimum Grade of C- or MAT093 Minimum Grade of C- or MAT121 Minimum Grade of C- or MAT120 Minimum Grade of C-

May not be repeated for credit

**PSY221. Social Psychology. 3 Credits.**

Theories and research regarding social behaviors such as conformity, altruism, aggression, attitude-formation, and discrimination.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY231. Psychopathology and Mental Distress. 3 Credits.**

Perspectives on psychopathology and mental distress are examined. Reviews issues related to defining, diagnosing, and researching mental disorder, while also introducing biological, psychological, and sociocultural approaches to treatment and remediation.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- PSY 272 Minimum Grade of D- or PSY101 Minimum Grade of D-

May not be repeated for credit

**PSY241. Lifespan Development. 3 Credits.**

Review of psychological development across the lifespan.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY293. Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**PSY295. Indep Study Psychology. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- PSY 272 Minimum Grade of D- or PSY101 Minimum Grade of D-

May be repeated for credit

**PSY301. Psychology Research Methods. 3 Credits.**

Research methodology in psychology: scientific reasoning and critical thinking, correlational and experimental research approaches— including control, designs, statistical analyses, and hypothesis testing. To be taken in conjunction with PSY311.

**Attributes:**

- Research
- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)

**Prerequisites:**

- (PSY 275 Minimum Grade of D- or PSY201 Minimum Grade of D-) or MAT241 Minimum Grade of D-

**Corequisites:**

- PSY311

May not be repeated for credit

**PSY302. Research Methods Lab. 1 Credit.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PSY201 Minimum Grade of D-

**Corequisites:**

- PSY301

May not be repeated for credit

**PSY311. Research Methods Lab. 1 Credit.**

Hands-on laboratory experience in conducting behavioral science research. Design and analysis of empirical studies, as well as written presentation of findings in APA Style. To be taken in conjunction with PSY301.

**Attributes:**

- Research
- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)

**Prerequisites:**

- (PSY201 Minimum Grade of D- or PSY 275 Minimum Grade of D-) or MAT241 Minimum Grade of D-

**Corequisites:**

- PSY301

May not be repeated for credit

**PSY322. Personality. 3 Credits.**

Reviews theoretical and empirical issues regarding personality psychology. Major theories of personality are addressed. Methods of personality research and relevant findings are examined.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psy: Industrial/Organizational (PIO)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY323. Motivation. 3 Credits.**

Identification of basic concepts, theories, and experimental findings of the psychology of motivation.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit



**PSY324. Psychology of Social Problems. 3 Credits.**

Application of psychological theory and research to the study of one or more current social problems.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY332. Mental Health Professions. 3 Credits.**

Introduction to the clinical and counseling professions (e.g., clinical psychology, counseling psychology, professional counseling, clinical social work, psychiatric nursing, and couples/family therapy). Reviews theory, practice, research, and professional issues.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Disaster Studies (DIS)
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY334. Behavior Modification. 3 Credits.**

The application of operant learning principles to improve behavior in school, home, institution, and work settings, as well as for personal self-improvement. Practical procedures of changing behavior in the natural environment are discussed.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY351. Cognitive Psychology. 3 Credits.**

Introduction to human cognitive psychology- including attention, memory, problem-solving, and language - at behavioral, physiological, and theoretical levels.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY352. Perception. 3 Credits.**

An overview of how our minds construct subjective experiences of form, movement, space, localization, and constancy through multiple senses (e.g., vision, hearing, touch) and supported by cognitive and physiological factors.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Deaf Studies (DFS)
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY353. Psycholinguistics. 3 Credits.**

Introduction to how people seamlessly understand language despite its immense inherent complexity and ambiguity, and how language processing intersects with perception, memory, executive function, social awareness, and even music.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Deaf Studies (DFS)
  - Industrial/Organizational (539I)
  - Linguistics (LIN)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D- or LIN201 Minimum Grade of D- or CMD 301 Minimum Grade of D- or CMD302 Minimum Grade of D-

May not be repeated for credit

**PSY361. History & Systems of Psychology. 3 Credits.**

Survey of the history of psychology. Reviews major schools and systems of psychology, their historical and philosophical foundations, and notable contributions to the field.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY362. Learning. 3 Credits.**

Experimental findings in and contemporary theories of learning.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Evolutionary Studies (EVO)
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY363. Evolutionary Psychology. 3 Credits.**

A detailed, critical exploration theory as applied to behavior of humans and other species. Research addressing evolutionary underpinnings of behavior is presented in regard to several classes of behavior (e.g., mating, aggression, cooperation).

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Evolutionary Studies (EVO)
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY364. Constructivist Psychology. 3 Credits.**

Reviews, theories, research, and clinical applications of constructivist approaches to psychology-including, but not limited to, personal construct psychology, radical constructivism, and social constructionism.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY372. Psychology of Women. 3 Credits.**

The psychology of women as conceptualized within traditional psychological as well as feminist theory. Biological, psychological and sociocultural factors influencing the lives of women, including how race, class, and sexual orientation intersect with gender.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Evolutionary Studies (EVO)
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)
  - Women's
  - Gender & Sexuality St (591)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D- or WOM220 Minimum Grade of D-

May not be repeated for credit

**PSY383. Organizational Psychology. 3 Credits.**

Introduction to organizational behavior and management, emphasizing psychological and social-psychological theories and findings. Discusses research methods, learning, motivation, stress, communication, leadership, and other in general and in relation to work settings. Cannot also take BUS321 for credit.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psy: Industrial/Organizational (PIO)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY384. Health Psychology. 3 Credits.**

An examination of how biological, psychological, and social factors interact to influence individual behavior related to promoting health, preventing illness, and coping with illness, pain, and stress.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Deaf Studies (DFS)
  - Disaster Studies (DIS)
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY392. Internship. 3 Credits.**

Supervised experience working in an applied setting related to psychology. Repeatable up to a maximum of 15 credits in practicum, fieldwork and independent study (consult limits on how many of these credits can apply to a psychology major or minor). Requires permission of instructor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Disaster Studies (DIS)
  - Industrial/Organizational (539I)
  - Psy: Industrial/Organizational (PIO)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May be repeated for credit

**PSY393. Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**PSY394. Crisis Intervention. 4 Credits.**

Basic counseling and crisis intervention skills using a didactic/experiential approach under professional psychological supervision. Theory of intervention in suicide, substance abuse, and developmental crises. Requires permission of instructor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Disaster Studies (DIS)
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY101 Minimum Grade of D- or PSY 272 Minimum Grade of D-

May not be repeated for credit

**PSY399. Modular Course. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**PSY443. Infancy and Childhood. 3 Credits.**

Theories and research on social, emotional, perceptual, and cognitive development. Implications of this information for child-rearing, education, and society.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Evolutionary Studies (EVO)
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY241 Minimum Grade of D-

May not be repeated for credit

**PSY444. Adolescence and Adulthood. 3 Credits.**

Emphasis on the issues, trends, and information pertinent to development from adolescence through death. Particular attention to problems of the adolescent, the aged, and the family in today's society.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- PSY241 Minimum Grade of D-

May not be repeated for credit

**PSY452. Behavioral Neuroscience. 3 Credits.**

Introduction to the functioning and structure of the nervous system. Explores the neural bases of behaviors involved in perception, movement, sleep, emotion, memory, and learning. Psychopharmacology and neural development are also discussed.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- (PSY 275 Minimum Grade of D- or PSY201 Minimum Grade of D-) or MAT241 Minimum Grade of D-

May not be repeated for credit

**PSY453. Cognitive Neuroscience. 3 Credits.**

Introduction to topics in cognitive neuroscience, including the neural basis of complex vision (e.g. faces and objects), attention, memory, language, emotion, and executive functioning.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- (PSY351 Minimum Grade of D- or PSY 310 Minimum Grade of D-) or (PSY452 Minimum Grade of D- or PSY 436 Minimum Grade of D-)

May not be repeated for credit

**PSY454. Developmental Cognitive Neuroscience. 3 Credits.**

Introduction to developmental cognitive neuroscience. Reviews brain development from conception into adulthood. Examines current research on the development specific cognitive skills (e.g. language, perception, attention) and different theories of brain development.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- (PSY452 Minimum Grade of D- or PSY 436 Minimum Grade of D-) or PSY453 Minimum Grade of D-

May not be repeated for credit

**PSY482. Industrial Psychology. 3 Credits.**

A survey of how psychological principles (social perception, learning, cognition, motivation, psychological measurement) are applied to human resources decisions (selection, training, performance appraisal). Fairness and legal implications of such decisions are considered.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psy: Industrial/Organizational (PIO)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- (PSY201 Minimum Grade of D- or PSY 275 Minimum Grade of D-) or MAT241 Minimum Grade of D-

May not be repeated for credit

**PSY485. Psychological Testing. 3 Credits.**

Uses and limitations of present psychological techniques for assessing ability, achievement, intelligence, personality, and abnormality. Objective and projective personality tests.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psy: Industrial/Organizational (PIO)
  - Psychobiology (539P)
  - Psychology (539)
  - Psychology (PSY)

**Prerequisites:**

- (PSY201 Minimum Grade of D- or PSY 275 Minimum Grade of D-) or MAT241 Minimum Grade of D-

May not be repeated for credit

**PSY493. Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**PSY494. Fieldwork In Psychology. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PSY 272 Minimum Grade of D-

May be repeated for credit

**PSY495. Independent Study Psychology. 1-12 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- PSY 272 Minimum Grade of D- or PSY101 Minimum Grade of D-

May be repeated for credit



**PSY498. Seminar in Psychology. 3 Credits.**

Advanced study in a specific area of research, theory, or practice. Writing intensive.

**Attributes:**

- Creative Works
- Research
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Industrial/Organizational (539I)
  - Psychobiology (539P)
  - Psychology (539)

**Prerequisites:**

- PSY311 Minimum Grade of D- or PSY301 Minimum Grade of D-
- ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit

## Religious Studies (REL)

**REL270. Religions of the World. 3 Credits.**

A survey of several major religious traditions, including Hinduism, Buddhism, Judaism, Christianity, and Islam.

**Attributes:**

- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- Systematic Inquiry
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

May not be repeated for credit

**REL275. Islam. 3 Credits.**

Introduction to Islam's history, beliefs, practices, and diversity. Topics include gender, war and recent portraits of Islam in the media and elsewhere.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**REL293. Selected Topics Relg Studies. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**REL301. History of Christian Thought. 3 Credits.**

A survey of representative thinkers and documents of the Christian tradition, from biblical times to the present. Some attention will also be given to the Christian encounter with other religions and cultures.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Aw

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**REL393. Selected Topics Religious Stu. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**REL493. Religious Studies Selected Top. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**REL495. Rel Studies Indep Studies. 1-12 Credits.**

May be repeated for credit

## Russian (RUS)

### RUS271. Russian Culture. 3 Credits.

This course examines the history of Russian culture—a culture which produced some of the most inspiring art, literature, dance and music the world has ever known. It traces the development of Russian culture beginning in the 10th century through the end of the Romanov Dynasty in 1917 and identifies some of its dominant themes. All reading and discussions are done in English.

#### Attributes:

- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization

#### Restrictions:

- Must have the following level: Undergraduate

May not be repeated for credit

## Science and Engineering (SSE)

### SSE093. Selected Topics SSE. 0 Credits.

May be repeated for credit

### SSE293. Selected Topics SSE. 1-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

### SSE393. Selected Topics SSE. 1-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

## Sociology (SOC)

### SOC100. Intro To Sociology. 3 Credits.

Examines relationships between human behavior and society by focusing on social processes, social interactions, and social inequalities such as social class, race, and gender. Introduces fundamental concepts including culture, norms, status, power, socialization, organizations, and social institutions. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

#### Attributes:

- Critical Thinking Introductory
- Ethical Reflection
- Information Mgmt Intro
- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

May not be repeated for credit

### SOC193. Sociology Select Topic. 1-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

### SOC220. Social Inequality in the United States. 3 Credits.

Theoretical approaches to the study of social inequality, such as the distribution of wealth, privilege, and power in the United States and the impact on individual life chances and institutional arrangements. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

#### Attributes:

- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts
- Systematic Inquiry
- GE3: USST
- GE4: United States Studies
- GE5: US History Civic Engmnt

May not be repeated for credit

### SOC250. Crime and Society. 3 Credits.

Introduction to the sociological examination of issues related to crime, criminal law, and the criminal justice system. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

#### Attributes:

- Ethical Reflection
- Liberal Arts
- Systematic Inquiry
- GE4: Social Science
- GE5: Social Sciences
- GE3: SSCI

May not be repeated for credit

**SOC276. Social Problems in a Global Context. 3 Credits.**

A critical examination of social problems in a global context. Topics may include poverty, inequality, crime, population, war, terrorism, and environmental degradation. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**SOC293. Sociology Select Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

May be repeated for credit

**SOC295. Indep Study Sociology. 1-12 Credits.**

May be repeated for credit

**SOC301. Self in Society. 3 Credits.**

Social roles and the experience of personal essence. Depersonalization in large-scale organizations, and self-actualization in the total life cycle. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC302. Contemporary Sociological Theory. 3 Credits.**

An exploration of recent theoretical approaches to understanding the social world. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC303. Sociological Theory. 3 Credits.**

Classical and contemporary theories of society are analyzed, with emphasis on critical analysis in historical perspective. The major themes of sociological thought will be examined. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Critical Thinking Intermediate
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-
- SOC220 Minimum Grade of D-

May not be repeated for credit

**SOC304. Sociology of Religion. 3 Credits.**

Analysis of the social and intellectual foundations of the major religions of the world. Study of religious organizations, beliefs, behaviors, and ideologies. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC305. Juvenile Delinquency. 3 Credits.**

Sociocultural basis of juvenile delinquency and theories of delinquent behavior. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC306. Research Methods. 4 Credits.**

Introduction to data collection and sociological analysis. Practical methods for analyzing qualitative and quantitative data and completion of small-scale research projects. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Research
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC307. Social Statistics. 4 Credits.**

Statistical analysis of sociological data with computer applications. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts
- GE3: MATH
- GE4: Mathematics
- GE5: Mathematics
- Systematic Inquiry

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- Math Placement Level Minimum Score of 3 or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C- or MAT 151 Minimum Grade of C-
- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC308. Medical Sociology. 3 Credits.**

Can medicine and science ever truly exist apart from considerations of rights, justice, and politics? This course will delve into recent and evolving debates on structurally competent and just health care, within nations and globally.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC309. Social Demography. 3 Credits.**

Population trends and their social implications. Analysis of mortality, fertility, migration, population characteristics, and distribution problems and policies. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC310. Comparative Political Economy. 3 Credits.**

Critical examination and comparisons of different forms and mixtures of capitalist, socialist, and communist social economic, and political systems. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC311. News Media and Public Opinion. 3 Credits.**

Role and formation of public opinion in modern societies; in particular, the effect of the news media – print and broadcast – on the shaping of political attitudes and behavior. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-
- (ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D-) or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**SOC312. Sociology of Violence. 3 Credits.**

Sociology of Violence examines violence in our society including violence between families, between acquaintances, and between strangers.

Through an examination of empirical research, theoretical writing and popular film, students will gain a better understanding of the extent and impact of violence, explore potential causes of violence, and examine their personal perspectives of why violence exists in our society. As a writing-intensive course it will also develop students' skills in critical thinking, writing, and speaking. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-
- (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG207 Minimum Grade of D-) or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**SOC314. Sociology of Children and Childhood. 3 Credits.**

This course will examine micro (social psychological) and macro (structural) approaches to the study of children and childhood. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC315. Race and Ethnicity. 3 Credits.**

Sociological perspectives on the structural causes of racial and ethnic inequality in the U.S. with a focus on social justice movements aimed at eradicating that inequality. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Effective Expression/Oral
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC316. Sociology of War and Conflict. 3 Credits.**

The roots of national and international conflicts examined from both historical and sociological perspectives. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC317. Environmental Sociology. 3 Credits.**

Society's relation to the natural environment, including the impact of economic and technological development and the political response to environmental degradation. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC318. Sociology of Culture. 3 Credits.**

Will examine the wide ranging forms culture may take, including ideology, art, and technology. We will consider how culture produces, manifests, and reproduces social structure and how culture serves as a site of social resistance. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC320. Social Structure and the Individual. 3 Credits.**

Reciprocal influences between the individual and society with emphasis on social-cultural factors. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-
- (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG207 Minimum Grade of D-) or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**SOC323. Death in American Society. 3 Credits.**

A multidisciplinary exploration of dying and death, interaction with the dying, care for the dying, children and death, grief, bereavement, and funerals. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC325. The American Left. 3 Credits.**

A history and analysis of the American New Left; topics include the civil rights and black liberation struggles, the student and women's movements, the counterculture, and the anti-Vietnam War protests. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC328. Political Sociology. 3 Credits.**

Social conditions influencing political behavior; political structure and dynamics of complex industrial society; mass movement and the conflict of ideologies; totalitarianism and democracy in modern society. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC332. Criminological Theory. 3 Credits.**

A theoretical analysis of the nature and causation of crime and its control through readings and discussion of writings which have had a major impact on the development of criminology. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC333. Deviant Behavior. 3 Credits.**

The nature of deviance is examined and considered as a socially constructed concept. Different theoretical perspectives on the causes of deviant behavior are critically analyzed. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit



**SOC336. Social Movements. 3 Credits.**

Analysis of ideology, organization, and strategy of mass collective action in the pursuit of political and social change. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC337. Social Change. 3 Credits.**

The forces that produce significant changes in social structure and cultural patterns, including how individuals may promote social change. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC339. Human Rights and Social Welfare Policy. 3 Credits.**

Examines the context of social welfare policies through a human rights framework. Focuses on vulnerable and marginalized groups, including women, children, and LGBTQ+ people, and the intersections of gender, sexual and gender identity, race, ethnicity, class, and ability.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC340. Poverty and Society. 3 Credits.**

This course examines historical and contemporary social, economic, and political forces that create and perpetuate racialized and gendered inequality and poverty in the United States.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC345. Urban Sociology. 3 Credits.**

This course will examine how socio-economic forces have contributed to economic transformations of the urban landscape. Growth, politics and the concomitant problems of housing, inflation, gentrification, urban sprawl and residential segregation will be analyzed. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-
- (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG207 Minimum Grade of D-) or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**SOC350. Introduction to Human Services. 3 Credits.**

Drawing from national and international social welfare policies and practices, Introduction to Human Services examines the social political context in which human services recipients and professionals are situated. Theories from human services, social work, European social pedagogy, and sociology will be presented. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Ethical Reflection
- Liberal Arts

**Restrictions:**

- Must be enrolled in one of the following classes: Sophomore, Junior

May not be repeated for credit

**SOC360. Sociology of Gender. 3 Credits.**

Sociological perspectives, along with cross-cultural and historical material, used to develop a broad framework for analyzing the position of women in contemporary society. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D- or WOM220 Minimum Grade of D-

May not be repeated for credit

**SOC361. Images of Poverty in Film. 3 Credits.**

An examination of how cinema creates and perpetuates class, gender, and racial stereotypes in U.S. society and how it impacts impoverished individuals. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D- or WOM220 Minimum Grade of D-
- (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG207 Minimum Grade of D-) or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**SOC362. Race, Class, and Gender. 3 Credits.**

The socio-historical factors that have structured the experiences of specific disenfranchised groups with a focus on the role that social institutions have played in constructing and perpetuating race, class, and gender inequality. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D- or WOM220 Minimum Grade of D-
- (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG207 Minimum Grade of D-) or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**SOC370. Sociology of Families. 3 Credits.**

An analysis of the changing family forms and major trends affecting U.S. families. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC371. Sociology of Aging. 3 Credits.**

Social issues of aging in contemporary society. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC375. Race, Crime and Punishment. 3 Credits.**

An examination of the relationship between race, crime and punishment in the United States. Draws from historical and sociological literature to examine the ways that race and racism have shaped American approaches to punishment.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC250 Minimum Grade of D-

May not be repeated for credit

**SOC379. Social Interaction. 3 Credits.**

Analysis of the sociological origin of beliefs, behaviors, and emotions. An exploration of theoretical perspectives of social psychology including symbolic interactionism and role theory. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-
- (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG207 Minimum Grade of D-) or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**SOC380. Social and Economic Development. 3 Credits.**

Study of socio-economic change in developed and developing societies. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-
- (ENG180 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D-) or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**SOC381. Immigration & Identity. 3 Credits.**

Immigrants have shaped American society for centuries. Students will use a sociological perspective to analyze the social, political, economic, and cultural context in which immigrants and their children are incorporated into society. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC385. Education and Society. 3 Credits.**

Analyzes social forces and processes influencing education in the United States. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-
- (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG207 Minimum Grade of D-) or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**SOC387. Sociology of Sport. 3 Credits.**

Analysis of sport in contemporary society with particular focus on dimensions of power, privilege, and prestige. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC393. Soc Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May be repeated for credit

**SOC399. Modular Course. 0 Credits.**

A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May be repeated for credit

**SOC407. Organizations and Work. 3 Credits.**

Examines the social organization of the work place, occupational inequality, the management of workers, and industrialism, unionization, and post-industrialization in contemporary societies. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC409. Law and Social Issues. 3 Credits.**

Social context of law, its uses to uphold and also to challenge power structures. Impact of race, gender, language and other social factors; conflicting ideas about equality and social justice, personal expression and conscience. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC410. Sociology of Sex & Sexualities. 3 Credits.**

Applies sociological methods and theories to the study of the sexed body, desires practices, identities, and communities; especially focuses on sex and sexuality as sites where social inequalities are both produced and challenged. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must be enrolled in one of the following classes: Senior, Junior

May not be repeated for credit

**SOC425. Drugs in American Society. 3 Credits.**

A review of the major issues in the study and treatment of drug abuse in their social context. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC431. Mass Media and Culture. 3 Credits.**

An examination of the impact of mass media on contemporary popular culture. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC432. Sociology of Film. 3 Credits.**

Students use sociological theory and research to analyze the content, form, production, and reception of Hollywood, independent, foreign, and documentary films. Themes include gender, sexuality, race, ethnicity, immigration, class, stratification, labor, deviance, social control, crime, and law. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC435. Public Health and Social Policy. 3 Credits.**

Sociological analysis of issues in health delivery services. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

### **SOC443. Human Services Theory and Practice I. 3 Credits.**

Critical examination of knowledge and skills related to working with families and groups. Emphasis on cultural diversity, a variety of intervention approaches, and group work processes. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Human Services (538H)

**Prerequisites:**

- SOC350 Minimum Grade of C-\*

\* May be taken at the same time

**Corequisites:**

- SOC480

May not be repeated for credit

### **SOC444. Human Services Theory and Practice II. 3 Credits.**

Critical examination and acquisition of human services practice frameworks, including Quality of Life and Positive Youth Development. Emphasis on the right to communication, self-determination, and ethical decision-making. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Human Services (538H)

**Prerequisites:**

- SOC443 Minimum Grade of C-
- SOC480 Minimum Grade of C-

**Corequisites:**

- SOC481

May not be repeated for credit

### **SOC445. Human Services Theory and Practice III. 3 Credits.**

Capstone course for the Concentration in Human Services. Critical examination of U.S. as well as international social welfare policy within a human rights framework. Research into and writing of student-selected thesis. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Service Learning
- Entrepreneurship
- Community Service
- Civic Engagement
- Creative Works
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Human Services (538H)

**Prerequisites:**

- SOC444 Minimum Grade of C-
- SOC481 Minimum Grade of C-
- (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG170 Minimum Grade of D- or ENG207 Minimum Grade of D-) or ENG 002 Minimum Grade of TD-

**Corequisites:**

- SOC482

May not be repeated for credit

### **SOC450. Sociology of Food and Agriculture. 3 Credits.**

Examination of the social, economic, and political dimensions of the food and agriculture system in the US and globally. How this system has changed over time, the role of technology, ecological implications, and the possibility for alternatives. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC451. Alienation and Mental Illness. 3 Credits.**

A comparative and critical review of those social conditions which systematically produce alienation and mental illness. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May not be repeated for credit

**SOC452. Seminar in Criminal Behavior. 3 Credits.**

Critical issues in the sociology of crime with a focus on such topics as prevention of street crimes, white collar crimes, and crime against humanity. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-
- SOC332 Minimum Grade of D-

May not be repeated for credit

**SOC480. Fieldwork in Human Services I. 4 Credits.**

This is an introductory field education course in which students examine and practice beginning counseling skills. Concurrently, students do an internship of 132 hours: 104 hours at the field site (8 hours a week); 3 hours in placement coordination and individual supervision with the college instructor; and 20 classes at the college. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Clinical Placement
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Human Services (538H)

**Prerequisites:**

- SOC100 Minimum Grade of C-
- SOC350 Minimum Grade of C-\*

\* May be taken at the same time

**Corequisites:**

- SOC443

May be repeated for credit

**SOC481. Fieldwork in Human Services II. 4 Credits.**

This is the second required field education course in which students examine and practice intermediate counseling skills. Concurrently, students do an internship of 132 hours: 104 hours at the field site (8 hours a week); 3 hours in placement coordination and individual supervision with the college instructor; and 20 classes at the college. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Clinical Placement
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Human Services (538H)

**Prerequisites:**

- SOC443 Minimum Grade of C-
- SOC480 Minimum Grade of C-

**Corequisites:**

- SOC444

May not be repeated for credit

**SOC482. Fieldwork in Human Services III. 4 Credits.**

This is the third and last required field education course in which students examine and practice advanced counseling skills. Concurrently, students do an internship of 132 hours: 104 hours at the field site (8 hours a week); 3 hours in placement coordination and individual supervision with the college instructor; and 20 classes at the college. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Clinical Placement
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Human Services (538H)

**Prerequisites:**

- SOC100 Minimum Grade of C-
- SOC444 Minimum Grade of C-
- SOC481 Minimum Grade of C-

**Corequisites:**

- SOC445

May not be repeated for credit



**SOC490. Senior Seminar in Sociology. 3 Credits.**

Organization, execution, and presentation of selected substantive and methodological problems. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Civic Engagement
- Research
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Sociology (538)

**Prerequisites:**

- SOC303 Minimum Grade of C-
- SOC306 Minimum Grade of C-

May not be repeated for credit

**SOC493. Selected Topic Sociology. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Civic Engagement
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May be repeated for credit

**SOC494. Fieldwork in Sociology. 1-15 Credits.**

Student volunteers in the community gain an intellectual and a professional experience that allows them to develop an inside understanding of a particular organization, its clients' needs, and its connection to the larger social structure. A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Attributes:**

- Community Service
- Civic Engagement

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May be repeated for credit

**SOC495. Indep Study Sociology. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SOC100 Minimum Grade of D-

May be repeated for credit

**SOC499. Modular Course. 0 Credits.**

A minimum grade of C- is required for any course to count toward the Sociology major or minor.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

## Spanish (SPA)

**SPA101. Elementary Spanish 1. 3 Credits.**

First half of a foundation. Introduction to Spanish, for students with little or no previous knowledge of the language. Fundamentals of speaking, listening, reading and writing. Basic grammatical concepts and some cultural information about the Spanish-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 1
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 1

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**SPA102. Elementary Spanish 2. 3 Credits.**

Second half of a foundation course. Continuation of Elementary Spanish 1. Further fundamentals of speaking, listening, reading and writing. Further basic grammatical concepts, such as additional tenses and modes, plus additional cultural information about the Spanish-speaking world.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 2
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 2

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- SPA101 Minimum Grade of D- or Spanish Placement Level Minimum Score of 1

May not be repeated for credit

**SPA193. Spanish Selected Topic. 3-12 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**SPA199. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**SPA201. Intermediate Spanish 1. 3 Credits.**

Work in Spanish to improve listening, reading, writing and speaking skills. Provides an overall grammar review with the introduction of more advanced structures to enhance students' active use of Spanish, especially in the areas of conversation (listening and speaking) and writing. Analysis of readings and other media on culturally significant topics.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- SPA102 Minimum Grade of D- or Spanish Placement Level Minimum Score of 2

May not be repeated for credit

**SPA202. Intermediate Spanish 2. 4 Credits.**

Provides an overall grammar review that seeks to enhance students' active use of Spanish, especially in the areas of conversation (listening and speaking) and writing. Further intermediate-level conversation, composition and analysis of readings and other media in Spanish on culturally significant topics.

**Attributes:**

- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- SPA201 Minimum Grade of D- or Spanish Placement Level Minimum Score of 3

May not be repeated for credit

**SPA293. Spanish Selected Topic. 1-12 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**SPA295. Indep Study Spanish. 1-12 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May be repeated for credit

**SPA299. Modular Course. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**SPA301. Communication and Culture in Spanish. 4 Credits.**

This course will better prepare students for upper division courses by providing them with opportunities to refine and enhance their listening, speaking, reading, and writing skills in Spanish.

**Attributes:**

- Critical Thinking Introductory
- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Information Mgmt Intro
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

**Prerequisites:**

- SPA202 Minimum Grade of D-

May not be repeated for credit

**SPA315. Spanish for Native Speakers. 4 Credits.**

Intensive review of Spanish orthography, grammar and syntax with emphasis on the standard variety; designed for students who speak Spanish at home and/or had some formal education in Spanish-speaking country. Placement by advising.

**Attributes:**

- Critical Thinking Introductory
- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Information Mgmt Intro
- Liberal Arts
- GE5: World Languages 3

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

### **SPA361. Communication and Writing in Spanish. 4 Credits.**

This course is designed to improve your speaking, listening, reading and writing skills abilities in Spanish. The purpose of the course is to help you move from the ACTFL Mid Intermediate level to Intermediate High proficiency.

#### **Attributes:**

- Research
- Critical Thinking Introductory
- Effective Expression/Written
- GE4: Foreign Language 3
- GE3: FLNG
- Information Mgmt Intro
- Liberal Arts
- GE5: World Languages 3

#### **Restrictions:**

- Must have the following level: Undergraduate

#### **Prerequisites:**

- SPA301 Minimum Grade of D- or SPA315 Minimum Grade of D-

May not be repeated for credit

### **SPA363. Spanish Phonetics and Oral Practice. 3 Credits.**

Study and practice of Spanish Phonetics. Provides students with an introduction to the sounds and phonological system of the Spanish language. Aims to develop knowledge of the basic concepts of this area and the application of these concepts to the use of everyday Spanish.

#### **Attributes:**

- Critical Thinking Intermediate
- Information Mgmt Intrmd
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- SPA301 Minimum Grade of D-

May not be repeated for credit

### **SPA365. The Culture and Civilization of Spain. 4 Credits.**

Cultural and historical evolution of Spain from prehistoric times to the present.

#### **Attributes:**

- Critical Thinking Intermediate
- Effective Expression/Oral
- Information Mgmt Intrmd
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization
- GE5: World History Global Aw

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- SPA361 Minimum Grade of D-

May not be repeated for credit

### **SPA372. Culture of Latin America. 4 Credits.**

History and culture of Latin America and the Caribbean from pre-Columbian times to the present.

#### **Attributes:**

- Research
- Critical Thinking Intermediate
- Effective Expression/Oral
- Information Mgmt Intrmd
- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- SPA361 Minimum Grade of D-

May not be repeated for credit

**SPA375. Survey of Spanish Literature. 4 Credits.**

A survey of major literary works from medieval to contemporary Spain. Analysis of literary genres and aesthetic movements. Conducted in Spanish.

**Attributes:**

- Critical Thinking Intermediate
- Effective Expression/Oral
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SPA361 Minimum Grade of D-

May not be repeated for credit

**SPA376. Survey of Latin American Literature. 4 Credits.**

A survey of major literary works from Latin America and the Caribbean, from pre-Columbian times to the present. Analysis of literary genres and aesthetics movements. Conducted in Spanish.

**Attributes:**

- Critical Thinking Intermediate
- Effective Expression/Oral
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SPA361 Minimum Grade of D-

May not be repeated for credit

**SPA393. Spanish Selected Topic. 1-12 Credits.****Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**SPA399. Modular Course. 1 Credit.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**SPA405. Advanced Oral Practice. 1 Credit.**

A practice of Spanish student-speaking abilities. It will offer the necessary tools to advance students Spanish proficiency, their capacity to communicate meaningful information in spontaneous interactions.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Adolescence Ed: Spanish (447)

**Prerequisites:**

- SPA365 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA376 Minimum Grade of D-

May be repeated for credit

**SPA430. Fundamentals of Hispanic Linguistics. 3 Credits.**

This course is an examination of the fundamentals of linguistics and its different areas focusing on the Spanish language. An exploration of issues of Spanish in the US, and other situations of Spanish in contact with other languages.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SPA365 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA376 Minimum Grade of D-

May not be repeated for credit

**SPA460. Negotiating Identity. 3 Credits.**

Exploration of Spain's recent shift from a country of emigration to largest receptor of immigrants after the U.S. Effects of the media on integration and identity. Comparisons to U.S. immigrant population.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SPA365 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA376 Minimum Grade of D-

May not be repeated for credit

**SPA461. Advanced Spanish Composition. 3 Credits.**

Intensive practice in written Spanish. Variants of style and selected problems in vocabulary and syntax. Conducted in Spanish.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SPA361 Minimum Grade of D-

May not be repeated for credit

**SPA462. Advanced Spanish Grammar. 3 Credits.**

A review of all fundamental grammar rules to familiarize students with the structure of Spanish grammar. It also covers basic principles of syntax, semantics, and morphology. Students learn to apply grammatical and linguistic principles to improve their linguistic competence.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SPA365 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA376 Minimum Grade of D-

May not be repeated for credit

**SPA463. The Text of Memory. 3 Credits.**

This course presents the theoretical approaches to the study of individual and collective memory through the analysis of cultural productions.

**Attributes:**

- Creative Works
- Research
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SPA365 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA376 Minimum Grade of D-

May not be repeated for credit

**SPA466. Contemporary Spanish Literature. 3 Credits.**

Study of selected Spanish 20th-21st century works of different literary genres within their social and historical contexts. Comparative study of film adaptations. Familiarization of theoretical approaches to both text and film.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SPA365 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA376 Minimum Grade of D-

May be repeated for credit

**SPA468. Golden Age Prose. 3 Credits.**

Selected masterpieces of the Siglo de Oro analyzed. Emphasis on Prose writings. Conducted in Spanish.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SPA365 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA376 Minimum Grade of D-

May not be repeated for credit

**SPA469. Golden Age and Colonial Literature. 3 Credits.**

This course presents a theoretical study of canonical and non-canonical literary productions of the Early Modern/Golden Age and Colonial period. Students will analyze a wide selection of the representative authors of this period.

**Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- SPA365 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA376 Minimum Grade of D-

May not be repeated for credit

### **SPA470. Framing Angst: The Generation of '98. 3 Credits.**

Study of works by major writers in various genres to explore how global advances in technology and philosophy affected Spanish society at the turn of the 20th century. Reflection on individual and national identity as provoked by artistic experimentation.

#### **Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- SPA365 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA376 Minimum Grade of D-

May not be repeated for credit

### **SPA471. Latin American and Caribbean Novel. 3 Credits.**

Analysis of Latin American and Caribbean novels in their respective socio-historical and cultural contexts. Conducted in Spanish.

#### **Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- SPA365 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA376 Minimum Grade of D-

May not be repeated for credit

### **SPA473. Modern Latin@ American Drama and Performance. 3 Credits.**

This course will focus on the history, theory and practice of Latin@ American theater and performance in the 20th and 21st centuries. Topics will include revolution, dictatorship, trauma and memory, gender, race, borders and U.S. latinidad. Conducted in Spanish.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- SPA365 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA376 Minimum Grade of D-

May not be repeated for credit

### **SPA474. Afrolatina/o American Literature. 3 Credits.**

An examination of writings produced by Afrolatin@merican and Afro Caribbean authors in a variety of genres as well as visual and musical texts pertaining to the African Diaspora and its cultural legacy in Latin America, the Caribbean, Equatorial Guinea and Afro Latino authors in the U.S. Taught in Spanish.

#### **Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- SPA372 Minimum Grade of D- or SPA365 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA376 Minimum Grade of D-

May not be repeated for credit

### **SPA475. Dominican Identity. 3 Credits.**

An analysis of Dominican Identity from an interdisciplinary approach. It will offer the tools to examine issues of class, race, and gender, as well as the transnational condition of contemporary dominicanidad. Taught in Spanish.

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- SPA365 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA376 Minimum Grade of D-

May not be repeated for credit



### **SPA476. Growing up Latina/o in the United States. 3 Credits.**

An overview of the literary and cultural production of Latinas/os in the U.S. Focus on selected works of fictional and autobiographical texts by Nuyorican, Dominican, Cuban-American, and Chicana/o authors and performers. Practice to advance Spanish proficiency, capacity to communicate meaningful information in spontaneous interactions.

Taught in Spanish.

#### **Attributes:**

- Critical Thinking Advanced
- Diversity
- GE3: DIVR
- GE5: DEISJ
- Information Mgmt Advanced
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- SPA365 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA376 Minimum Grade of D-

May not be repeated for credit

### **SPA477. Latin American & Caribbean Cinema. 3 Credits.**

A survey of contemporary Latin American & Caribbean Cinema. Focus on varied portrayals of class, gender, and race in different films from across the region, through film analysis. Taught in Spanish.

#### **Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- SPA375 Minimum Grade of D- or SPA376 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA365 Minimum Grade of D-

May not be repeated for credit

### **SPA478. Music & Culture Identity in the Caribbean. 3 Credits.**

An examination of literacy representations of musical expressions from Cuba, Puerto Rico, Dominican Republic, and the Colombian Caribbean. Includes studying the Caribbean as a concept and as a region defined by transatlantic slave trade, with an identity especially framed by ethnicity and social class. Music is explored as an element of cultural resistance that impacts the Caribbean aesthetically, socially, geopolitically and economically. Taught in Spanish.

#### **Attributes:**

- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

#### **Prerequisites:**

- SPA365 Minimum Grade of D- or SPA375 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA376 Minimum Grade of D-

May not be repeated for credit

### **SPA493. Spanish Selected Topic. 1-12 Credits.**

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

### **SPA494. Fieldwork In Spanish. 1-12 Credits.**

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **SPA495. Indep Study Spanish. 1-12 Credits.**

#### **Attributes:**

- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

## Special Education (SPE)

### **SPE106. Multiple Voices: Diversity in US Education. 3 Credits.**

An introduction to the sociocultural factors that impact teaching and learning in the United States. Through critical reflection, readings, and discussions, the educational experiences of individuals from historically marginalized populations will be explored.

#### **Attributes:**

- Diversity
- GE3: DIVR
- Ethical Reflection
- Liberal Arts

May not be repeated for credit

### **SPE142. Introduction to Disability Studies. 3 Credits.**

Disability Studies will be introduced through social, cultural, political and educational contexts. Disability will be explored as an identity that intersects with race, class, gender, ethnicity, and sexual orientation as they pertain to social justice.

#### **Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Ethical Reflection
- Liberal Arts

#### **Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

### **SPE193. Special Ed Selected Topic. 3-12 Credits.**

May be repeated for credit

### **SPE310. Psychology of Learners with Disabilities. 3 Credits.**

An understanding of learners with disabilities and learners who are gifted and talented with emphasis on the educational needs of learners with special needs.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

### **SPE350. Creating Inclusive Elementary School Classrooms. 3 Credits.**

This course examines the foundations and fundamentals of inclusive educational programs and the challenges of their implementation in elementary schools. It also provides strategies for creating inclusive classrooms that support learning for all students.

#### **Attributes:**

- Diversity

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Communication Disorders (588)
  - Early Childhood & Chld Ed B-6 (601)
  - Early Childhood Studies (602)
  - Visual Arts Education (189)

May not be repeated for credit

### **SPE385. Differentiating Instruction in the Secondary School. 3 Credits.**

This course will assist teachers in designating classroom, instructional, and school environments to accommodate the full range of learners in the general secondary education setting. Strategies for teaching students who are gifted, disabled, and English language learners will be included.

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Adolescence Ed: Biology (440)
  - Adolescence Ed: Chemistry (441)
  - Adolescence Ed: Earth Science (442)
  - Adolescence Ed: English (443)
  - Adolescence Ed: French (444)
  - Adolescence Ed: Math (446)
  - Adolescence Ed: Physics (449)
  - Adolescence Ed: Social Studies (445)
  - Adolescence Ed: Spanish (447)
  - Adolescence Education (ADL)
  - Biology 4+1 (508A)
  - Chemistry (50CH)
  - Communication Disorders (588)
  - Geology/Earth Science (51ES)
  - Mathematics 4+1 (512M)
  - Visual Arts Education (189)

May not be repeated for credit

### **SPE493. Special Education Selected Topic. 3-12 Credits.**

#### **Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**SPE494. Fieldwork In Special Education. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**SPE495. Independent Study Special Education. 0 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

## Theater Arts (THE)

**THE193. Theatre Art Select Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**THE199. Modular Course. 0 Credits.**

May not be repeated for credit

**THE208. Latin American Drama and Performance. 3 Credits.**

A broad survey course introduces students to cultural ideas that influence the development of Latin American performing arts. Viewings and readings provide context for discussions of art within major regions of Latin America.

**Attributes:**

- Effective Expression/Aesthetic
- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**THE209. Live Theatre Experience. 3 Credits.**

Students witness New York City theatre productions and New Paltz productions. Through lectures, discussions, and written assignments, the course examines the appeal and ingredients of live theatrical presentations. Focus will be on plays and musicals, rather than on dance and opera. FEE FOR TICKETS AND TRANSPORTATION.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Liberal Arts

**Prerequisites:**

- ENG160 Minimum Grade of C- or English Placement Level Minimum Score of 4 or ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May be repeated for credit

**THE211. Rehearsal and Production. 1 Credit.**

This course is designed to give the students a means of earning liberal arts credit for research, execution and evaluation of work directly related to the process of preparing a production for public presentation.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

May be repeated for credit

**THE212. Rehearsal and Production. 2 Credits.**

This course is designed to give the students a means of earning liberal arts credit for research, execution and evaluation of work directly related to the process of preparing a production for public presentation.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

May be repeated for credit

**THE213. Rehearsal and Production. 3 Credits.**

This course is designed to give the students a means of earning liberal arts credit for research, execution and evaluation of work directly related to the process of preparing a production for public presentation.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

May be repeated for credit

**THE230. Introduction to Acting. 3 Credits.**

An introductory acting course designed to increase student understanding and appreciation of the actor and the art of acting.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Aesthetic
- Liberal Arts
- Performance

May not be repeated for credit

**THE231. Introduction to Performance. 3 Credits.**

A practical exploration of the art and craft of acting, with emphasis on the body, voice, and actor's imagination. This course provides the beginning student with basic techniques and vocabulary through exercises, monologues, and scene work.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Critical Thinking Introductory

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Theatre Arts (567)
  - Theatre Arts (THE)

May not be repeated for credit

**THE232. European Drama. 3 Credits.**

A survey of European theatre beginning with its foundations in the Dark Ages through beginnings of the Modern Theatre in the early 20th Century. Specific attention will be focused on the evolution of theatre architecture and literature in the western world. Elements of audience, actor, stage scenery and their relation to each other and to the social elements and intellectual environment of these periods are also studied.

**Attributes:**

- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**THE235. Introduction To Theatre. 3 Credits.**

A survey tracing the origin of Western theatre, the evolution of the structure of drama and the component parts of playmaking, experiencing theatre and creating theatre, through lecture, discussion and live performance.

**Attributes:**

- Ethical Reflection
- GE3: HUM
- GE4: Humanities
- GE5: Humanities
- Liberal Arts

May not be repeated for credit

**THE236. Play Analysis. 3 Credits.**

Play analysis is the study of a critical approach to dramatic literature. The course will focus on methodologies for study and understanding the play as a literary genre in relationship to theatre. Emphasis will be placed on critical analysis of structure, genre, theme, style, character, language, dramatic event and point of view. Discussion of each play will result in an essay based on research of the playwright, research of the historical context of the play and structural analysis of the play.

**Attributes:**

- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Theatre Arts (567)
  - Theatre Arts (THE)

May not be repeated for credit

**THE237. African American Drama. 3 Credits.**

African American Drama is a survey course in African American and Caribbean Drama. Students analyze historical and contemporary plays and study play production in the cultural context of the United States. COURSE FEE APPLIES TO SOME SECTIONS.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Effective Expression/Oral
- Liberal Arts

May not be repeated for credit

**THE239. History of Fashion. 3 Credits.**

Students gain a broad understanding of the development and evolution of the art of dress as aesthetic, cultural, and creative expression. Particular focus is given to European dress history and the modern fashion system within a global context from prehistoric times through the first half of the 20th century. Early world civilizations, diverse global cultures and their influences on Western clothing will be explored. The course examines the social, environmental and economic implications of clothing and dress and how this impacts and mirrors the development of human cultures across time and today.

**Attributes:**

- GE5: The Arts
- Information Literacy (GE3)
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization

May not be repeated for credit

**THE240. History of World Dress. 3 Credits.**

An exploration of the evolution of dress and adornment from early humans through the present day in culturally diverse regions of the world demonstrating how and why dress is central in the history of humankind. This course will examine themes such as how and why human beings adorn their bodies and how the intimate practice of clothing the body, creative practices, aesthetics, identity and dress traditions inform us about cultural evolution, social, environmental and economic development around the world.

**Attributes:**

- Information Literacy (GE3)
- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**THE251. Foundations: Theory and Collaboration. 3 Credits.**

This course explores the synthesis of theatrical theory and practice as a preparation for imaginative and creative work in the theatre. This course builds skills of collaboration, communication, and creative problem solving amongst the students to prepare them for production work in the department while also laying the foundational groundwork for other classes within the core curriculum by incorporating theatre theory.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Critical Thinking Introductory
- Information Mgmt Intro
- Liberal Arts

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Theatre Arts (567)
  - Theatre Arts (THE)

May not be repeated for credit

**THE252. Introduction to Theater Production. 3 Credits.**

Introduction to basic materials and techniques used in technical theater production. This course will include the study of Stagecraft, Lighting Technology and Audio Engineering techniques in current use. Practical application in departmental productions.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Theatre Arts (567)
  - Theatre Arts (THE)

May not be repeated for credit

**THE253. Costume Production I. 3 Credits.**

An introduction to the costume shop, its equipment and its use. Projects to develop basic skills and techniques used in costume construction.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Theatre Arts (567)
  - Theatre Arts (THE)

May not be repeated for credit

**THE260. Introduction to Design. 3 Credits.**

A fundamental course examining basic techniques and methods employed in theatrical design. This course will explore the principles and elements of design as applied to scenic, lighting, costume and sound design (Scenographic technique).

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Audio Engineering (AEN)
  - Film and Video Studies (FVS)
  - Theatre Arts (567)
  - Theatre Arts (THE)

May not be repeated for credit

**THE261. Drawing and Painting for Theatre. 3 Credits.**

Drawing, illustration, painting and other artistic techniques most useful to theatre design and technical students will be introduced. Course content will include perspective drawing, color theory, painting techniques, texture and fabric rendering, and figure drawing.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must have the following level: Undergraduate

May not be repeated for credit

**THE293. Selected Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**THE295. Indep Study Theatre Arts. 1-6 Credits.**

May be repeated for credit

**THE299. Modular Course. 0 Credits.**

May not be repeated for credit

**THE301. Theatre Arts Participation. 1 Credit.**

Advanced participation in theatre activities; supervised laboratory experiences in the areas of design, technical theatre, management, acting, directing.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May be repeated for credit

**THE303. Voice for the Musical Theatre 1. 3 Credits.**

A basic course designed to help the singing actor improve vocal techniques used in musical theatre. Emphasis is on performing solo songs from both traditional and contemporary music theatre literature.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE304. Voice for the Musical Theatre 2. 3 Credits.**

Continuation of THE303. Emphasis is on performing songs with partners, ensemble singing and advanced techniques for singing musical theatre for both traditional and contemporary music theatre literature. COURSE FEE.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit



**THE305. Musical Theatre Workshop I. 3 Credits.**

Development of fundamental skills necessary for performing in musical theater. Focus will be on individual vocal performance of classical musical theater material, supplemented by movement and scene work, and the development of a portfolio of songs for each student.

Chronological study of classic and contemporary composers. FEE FOR PROFESSIONAL TRAINING WORKSHOPS.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Performance (567P)

**Prerequisites:**

- THE304 Minimum Grade of C- and THE332 Minimum Grade of C- and THE337 Minimum Grade of C-

May be repeated for credit

**THE306. Musical Theatre Workshop II. 3 Credits.**

Continuation of THE305 with an emphasis on ensemble performance. Students will perform selected vocal and dance ensemble pieces (duets, trios, quartets, etc.) with other members of the class; exercises, games, and improvisation which deal with problems of blocking, choreography, vocal techniques, timing, and rhythm. An ensemble piece may result, depending on class enrollment.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May be repeated for credit

**THE310. Live Theatre Experience. 3 Credits.**

Through lectures, discussions, and written assignments, students examine the appeal and construction of live theatrical presentations of plays, attending productions on campus and in New York City. This course succeeds THE209 Live Theatre Experience and, as an upper level course, requires students to read the plays, prepare questions and lead discussion, and submit additional essays.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- THE209 Minimum Grade of C-

May be repeated for credit

**THE314. Period Styles. 3 Credits.**

This course covers material culture (domestic, architecture, decorative arts, furniture, fashion and music), as well as significant points of social history from the late Middle Ages through the 20th Century.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- GE3: WEST
- GE4: Western Civilization

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**THE318. History of Global Performance I. 3 Credits.**

A survey of global theatrical and performance traditions from ancient times to the 16th century.

**Attributes:**

- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**THE319. History of Global Performance II. 3 Credits.**

A survey of global theatrical and performance traditions from the 17th century to today.

**Attributes:**

- Liberal Arts
- GE5: World History Global Aw
- GE4: World Civilizations
- GE3: WRLD

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**THE323. World Drama. 3 Credits.**

World Drama provides an introduction of dramatic literature and performance practice from around the world. Students will read an array of dramatic texts from the non-Western dramatic and literary tradition including Africa, the Caribbean, The Middle East, Central Asia, Japan, China, and India. The course balances an exploration of dramatic literature and staging with an investigation of the theories that have affected both the literature and practice of theatre.

**Attributes:**

- Liberal Arts
- GE4: World Civilizations

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**THE324. Dramaturgy. 3 Credits.**

Introduction to dramaturgy with a special emphasis on working as a dramaturg both collaboratively on a production team and cooperatively within a larger organization.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**THE325. Devising Theatre. 3 Credits.**

An exploration, through lectures, improvisation and exercises, of the process of creating structured performance vehicles for the theatre. Various methods of playmaking will be examined.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May be repeated for credit

**THE326. 20th Century Design. 3 Credits.**

An overview of theatrical design in the twentieth century. Emphasis will be on design and architectural styles and artistic movements in the development of scenographic design for theatre and film. The class will be taught through Power Point presentation lectures.

**Attributes:**

- GE3: ART
- GE4: The Arts
- GE5: The Arts
- Effective Expression/Written
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**THE327. Race Gender and Performance. 3 Credits.**

A reading, lecture, and discussion course about the experience of cultural difference in the United States. Students read theoretical articles about gender, cultures, and identity, and then analyze plays that reflect distinct cultural approaches to United States history and lifestyles.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Ethical Reflection
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG 002 Minimum Grade of TC- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C-

May not be repeated for credit

**THE328. Asian Theatre. 3 Credits.**

A survey course introduces Asian theatre of China, Japan and Korea. Students study traditional to contemporary Asian theatre and analyze the Asian influence to Western theatre and the Western influence to Asian theatre.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**THE329. American Drama. 3 Credits.**

A survey of the evolution of American drama from its origins in the 18th century through the 20th century. Selected plays will represent the broad variety of periods, styles, and perspectives of American drama with major emphasis on modern American drama. This course will examine the relationship of American drama to social, political, and cultural forces and its place in the construction of an American identity.

**Attributes:**

- GE5: Humanities
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- ENG170 Minimum Grade of D- or ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG 002 Minimum Grade of TD-

May not be repeated for credit

**THE330. Contemporary Drama. 3 Credits.**

The class will explore developments of the last 10 years in drama and performance and examine the social, political, and cultural milieu in which it was developed.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- THE236 Minimum Grade of C-
- ENG160 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG 002 Minimum Grade of TC-

May not be repeated for credit

**THE332. Acting I. 3 Credits.**

Understanding the basic craft of acting through fundamental technique based on the methods of Stanislavsky and American derivations including Meisner, Hagen, Adler, and Strasberg. Attention to rehearsal process as applied to scene work in contemporary American Realism.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May be repeated for credit

**THE333. Acting II. 3 Credits.**

Continuation of THE332. Preparation of students who wish to enter the theatre as actors. The class functions as a diagnostic of the actor's strengths and problems, and expands the range of the actor's work to include various classical styles with emphasis on Shakespeare.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May be repeated for credit

**THE334. Speech for the Stage. 3 Credits.**

Positive conditioning and heightened perception of the entire body as the actor's vocal instrument. Developing a clear understanding of the mechanics of strong, effective voice and speech for the stage, using Linklater, Lessac, and Berry techniques.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May be repeated for credit

**THE335. Stage Makeup I. 3 Credits.**

Studio course in the fundamentals of theater makeup techniques and design skills as they relate to the creation of characters for the stage. Includes realistic and non-realistic, 2-dimensional and basic 3-dimensional makeups.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE337. Introduction to Movement. 3 Credits.**

An introduction to specific movement and performance skills. This course provides the basics for students to explore, develop and build a movement language and foundation based in awareness and freedom.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**THE338. Tap Dance. 3 Credits.**

A series of technical basics developed to orient the student to the foundation of tap dance and the progression of sounds that constitute the art of the discipline.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**THE341. Dialects for the Stage. 3 Credits.**

Exploration and study of foreign dialects for use in stage productions. Initial emphasis on mastery of International Phonetic Alphabet for dialect transcription. Presentation/performance of scripted material using selected dialects.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE342. Stage Management. 3 Credits.**

A study of organizational methods and working procedures currently in use by stage managers in all venues of production. This course will involve practical as well as theoretical work.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE343. Scene Painting. 3 Credits.**

To learn broad techniques employed in scene painting. Starts from realistic style as the foundation for gradually approaching the styles which support the emotional qualities of plays.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE344. Theatre Management. 3 Credits.**

This course is designed to acquaint students with the fundamental principles of managing the arts and producing theatre. Students will learn about the business of theatre and about the basic components of presenting a theatrical event or theatre series.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE347. Choreography for Musical Theatre. 3 Credits.**

Participation in the creation and rehearsal of choreographed movement specifically designed for a musical theatre production, culminating in public performances.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May be repeated for credit

**THE351. Drafting for the Theater. 3 Credits.**

Studio course in theatrical drafting. A study of the graphic communications language and mechanical drawing skills for the theater.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE352. Introduction to Computer Assisted Design. 3 Credits.**

Computer Assisted Design employing software currently in use by industry professionals.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE353. Costume Production II. 3 Credits.**

Advanced study of the patterns and construction methods used during the major periods in costume history and their adaptation for theatrical costume.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May be repeated for credit

**THE354. Scene Design 1. 3 Credits.**

The course will explore the complex nature of scene design for Theater, utilize the principles and elements of design, and develop an ability in translating verbal concepts into the visual and graphic medium.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE355. Costume Design 1. 3 Credits.**

The techniques and practices of theatrical costume design, including play analysis, research, color theory, drawing, use of different artists' media, and creative thinking. Class work will result in renderings and other portfolio materials.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**THE356. Lighting Design 1. 3 Credits.**

An introduction to Stage Lighting Design. Study of equipment and media available to the theatrical lighting designer. Lighting laboratory exercises culminate in basic lighting designs using standard graphic conventions.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE357. Sound Design 1. 3 Credits.**

Application of the elements of design, script analysis, research techniques, digital audio editing, composition & recording to create sound designs for theatrical production.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Audio Engineering (AEN)
  - Theatre Arts (567)

**Prerequisites:**

- THE358 Minimum Grade of C-

May not be repeated for credit

**THE358. Audio Engineering 1. 3 Credits.**

Examination of acoustics, basic sound reinforcement system, computer audio playback, intercom & video communication for sound engineers in theatrical production.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Audio Engineering (AEN)
  - Theatre Arts (567)

May not be repeated for credit

**THE362. Improvisation and Performance. 3 Credits.**

Exploration of the theory and practice of improvisation as a performance form in the tradition of Chicago's Second City. Development of specialized skills, with emphasis on imagination, spontaneity, teamwork, and on-the-spot creativity.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**THE363. Scene Study. 3 Credits.**

Continuation and refinement of technique begun in Acting II, with intensified application of technique to selected scene material. Content includes understanding demands of text and meeting challenges of different dramatic material. Special attention to scoring the scene.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE365. Theatrical Movement Technique. 3 Credits.**

This course is to further develop the actor's physical and movement skills. It will explore techniques to help the actor better understand physical expression and spatial awareness, and will focus on physicalizing character and text.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE393. Theatre Art Select Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**THE399. Modular Course. 0 Credits.**

May not be repeated for credit



**THE411. Rehearsal and Production. 1 Credit.**

This course is designed to give the student a means of earning liberal arts credit for research, execution and evaluation of work directly related to the process of preparing a production for public presentation.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May be repeated for credit

**THE412. Rehearsal and Production. 2 Credits.**

This course is designed to give the student a means of earning liberal arts credit for research, execution and evaluation of work directly related to the process of preparing a production for public presentation.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**THE413. Rehearsal and Production. 3 Credits.**

This course is designed to give the student a means of earning liberal arts credit for research, execution and evaluation of work directly related to the process of preparing a production for public presentation.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**THE420. American Musical Theatre. 3 Credits.**

Survey of the American Musical Theatre from its earliest roots in American popular culture through the present. There is a particular emphasis on the cultivation of its present form through an American socio-cultural perspective.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Effective Expression/Written
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**THE421. Queer Theatre. 3 Credits.**

A reading and discussion course exploring queer characters in contemporary theatre. Students read essays about gender and culture, analyze plays and make connections between queer identity, history and socio-cultural movements.

**Attributes:**

- Diversity
- GE3: DIVR
- GE5: DEISJ
- Ethical Reflection
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- THE235 Minimum Grade of C- or THE251 Minimum Grade of C- or ENG310 Minimum Grade of C-

May not be repeated for credit

**THE432. Acting III. 3 Credits.**

Advanced phase of the acting program for those students who have chosen to enter the theatre as actors. Extends the actor's work in character and play analysis, and in preparation of audition materials, resume, pictures, approaching agents, Actor's Equity, etc. FEE FOR PROFESSIONAL TRAINING WORKSHOPS.

**Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

**Prerequisites:**

- THE465 Minimum Grade of C-

May not be repeated for credit

**THE434. Advanced Voice and Speech. 3 Credits.**

An intermediate level voice and speech course that provides the student with a variety of techniques from various acclaimed teachers to further develop their working repertoire of voice and speech tools and skills.

**Restrictions:**

- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

**Prerequisites:**

- THE231 Minimum Grade of C-

May not be repeated for credit

**THE441. Directing I. 3 Credits.**

The director's analysis of a script, the use of space as environment, the elements of composition and movement, emotional key and tempo, casting, rehearsal techniques, and the director's relationship to the other artists of the theatre.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE442. Directing II. 3 Credits.**

Continuation of THE441 with emphasis upon interpretation, theatrical styles, and the director-actor relationship. Each student's class activities culminate in the preparation, rehearsal, and presentation of a one-act play.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE453. Costume Crafts. 3 Credits.**

Techniques in dyeing, painting and surface decoration of fabric, use of foam and other non-woven materials and millinery.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE454. Scene Design 2. 3 Credits.**

A continuation of Scene Design 1. Recognize and explore the complex nature of scenography for the Theater. Sharpen theatrical sensitivities and develop conceptual design skills.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE455. Costume Design 2. 3 Credits.**

An advanced look at techniques and challenges of the costume designer. This course includes advanced artists' techniques, as well as research, and will result in more in-depth projects than Costume Design 1.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must be enrolled in one of the following classes: Senior, Junior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE456. Lighting Design 2. 3 Credits.**

Advanced exploration of the artistic process of lighting design. Study and practice of hand drafted plots and sectionals. CAD drafted plots and sectionals, industry standard paperwork, and boards.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Liberal Arts

**Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE457. Sound Design 2. 3 Credits.**

An advanced study of sound design. Students will design sound for a play and a musical. Special focus will be on original composition and system design for theatrical production.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Audio Engineering (AEN)
  - Theatre Arts (567)

**Prerequisites:**

- THE357 Minimum Grade of C-

May not be repeated for credit

**THE458. Audio Engineering 2. 3 Credits.**

Examination of current techniques employed by system engineers regarding reinforcement techniques for live theatrical events. Emphasis will be on digital audio networking, wireless microphones, live sound mixing technique, and show control programming.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Audio Engineering (AEN)
  - Theatre Arts (567)

**Prerequisites:**

- THE358 Minimum Grade of C-
- THE357 Minimum Grade of C-

May not be repeated for credit

**THE465. Senior Seminar: Professional Development. 3 Credits.**

Capstone course for all senior theatre majors. Students will focus on preparation for graduate school or entering the professional theatre in their specific areas of concentration.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research
- Critical Thinking Advanced
- Information Mgmt Advanced

**Restrictions:**

- Must have the following level: Undergraduate
- Must be enrolled in the following class: Senior
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE490. Senior Project in Theatre. 3 Credits.**

Advanced work on an individual basis, awarded to a theatre major, subject to approval of instructor.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE492. Fieldwork in Professional Theatre. 3 Credits.**

The course is offered to theatre students recommended into the internship program created by an agreement between The College and Middletown Union Local 311 of the International Alliance of Theatrical Stage Employees (I.A.T.S.E.). Successful completion of this course allows students to make application for membership into the Union.

**Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE493. Theatre Art Select Topic. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Practicum - Non-Clinical
- Creative Works
- Research

**Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May be repeated for credit

**THE494. Fieldwork In Theatre Art. 1-12 Credits.****Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May not be repeated for credit

**THE495. Indep Study Theatre Arts. 1-12 Credits.****Restrictions:**

- Must not be enrolled in one of the following classes: Sophomore, Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Theatre Arts (567)

May be repeated for credit

**THE499. Modular Course. 0 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**Women's, Gender & Sexuality Studies (WOM)****WOM193. WGSS Selected Topic. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**WOM199. Modular Course. 0 Credits.**

May not be repeated for credit

**WOM220. Introduction to Women's, Gender, & Sexuality Studies. 4 Credits.**

An introduction to the field of Women's, Gender, and Sexuality Studies with particular focus on foundational feminist thought, issue-based platforms, and social movement activism.

**Attributes:**

- Critical Thinking Introductory
- Diversity
- GE3: DIVR
- GE5: DEISJ
- Effective Expression/Written
- Information Mgmt Intro
- Liberal Arts

May not be repeated for credit

**WOM222. The Queer Experience. 3 Credits.**

Utilizes biography as a window on the queer experience. An interdisciplinary approach to understanding a community defined by the sexual orientation and gender identity of its members.

**Attributes:**

- GE3: DIVR
- Effective Expression/Written
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate

**WOM293. Selected Topics. 1-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

**WOM295. Indep Study Womens Studies. 0 Credits.**

May be repeated for credit

**WOM299. Modular Course. 0 Credits.**

May not be repeated for credit

**WOM310. Motherhood and Mothering. 3 Credits.**

Students explore historical, cultural, socioeconomic, and theoretical frameworks for understanding constructions of motherhood; reproductive justice; intersectional identity and parenting; queer mothering; birth and breastfeeding; adoption; assisted reproductive technologies; and the connections between maternal activism and feminism.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM311. Gender, Race, and Work. 3 Credits.**

Integration of perspectives and materials from a variety of disciplines to explore the experience of working women in the United States. Topics include: historical accounts; effects of the family, political system and economic structure on women's work; and alternatives for meaningful work.

**Attributes:**

- Effective Expression/Written
- Liberal Arts
- GE3: USST
- GE4: United States Studies

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- WOM220 Minimum Grade of D-

May not be repeated for credit

**WOM313. Women and Drugs. 3 Credits.**

Examines historical, cultural, political, and economic contexts of women's drug use in the United States. Analyzes effects of racism, sexism, and classism on perceptions of women's drug use. Special focus on health, legal, and moral issues.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM314. Violence Against Women. 3 Credits.**

An examination of violence against women in contemporary culture: rape, battery, sexual abuse and violence in the media.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM315. Queer Women. 3 Credits.**

A study of women who choose to build lives with other women. Includes both a historical survey and an analysis of issues facing lesbians in contemporary society.

**Attributes:**

- Diversity
- GE3: DIVR
- Effective Expression/Written
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM316. Hst Women In US To 1880. 3 Credits.**

A survey of the history of women from 1620-1880, examining changes in women's private and public lives with attention to the differences among women of varying regional, racial and economic backgrounds.

**Attributes:**

- Effective Expression/Written
- Ethical Reflection
- Liberal Arts
- GE3: USST
- GE4: United States Studies

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM318. Women Love and Sex. 3 Credits.**

This course is an interdisciplinary examination of beliefs about love and sex in the Western philosophical tradition. It will also include a discussion of past and present feminist critiques of prevailing ideas about love and sex.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- WOM220 Minimum Grade of D\*

\* May be taken at the same time

May not be repeated for credit

**WOM319. Feminist Art and Subculture. 3 Credits.**

A survey of major aesthetic and political feminist subcultures, throughout the Americas, from the World War II era to present day.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM320. Reproductive Law and Policy. 3 Credits.**

A survey of attitudes toward human reproduction in the United States from the colonial period to the present and an examination of the ways these attitudes have become manifest in legislation and regulation.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM321. Feminist Methods. 3 Credits.**

An overview of feminist methodological issues, dilemmas, and debates; an introduction to a variety of qualitative and quantitative research techniques and methods; and guided instruction on designing a project and writing a research proposal.

**Attributes:**

- Information Mgmt Intrmd
- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- WOM220 Minimum Grade of D-
- WOM421 Minimum Grade of D\*

\* May be taken at the same time

May not be repeated for credit

**WOM322. Masculinities. 3 Credits.**

Examines how masculinities are constructed and represented culturally, socially, and institutionally; how race, class, gender, sexuality, age, ability, and nationality inflect understandings of masculinity; how masculinities may reproduce or challenge inequalities.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM324. Gender and Sexuality in Hip Hop. 3 Credits.**

Students explore Hip Hop Culture's history, aesthetics, and politics, particularly in relation to gender and sexuality, from an intersectional feminist perspective.

**Attributes:**

- Liberal Arts

May not be repeated for credit

**WOM325. Women and Popular Culture. 3 Credits.**

Takes a cultural studies approach to various feminist analyses of representations of women in popular culture and their relationship to power, both social and mythic.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM330. Intro to Queer Studies. 3 Credits.**

Examines the history, politics, theories, cultures, and communities of those who identify as lesbian, bisexual, gay, transsexual, transgender, intersex, and queer. Analyzes theoretical arguments and themes within interdisciplinary Queer Studies, historically and currently.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM335. Performing Feminism. 3 Credits.**

In this course, with an eye toward transnational and intersectional enactments, students will survey the performance of feminism from the (post) Civil Rights era to present day in the visual arts, politics, popular culture, and everyday life.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM340. Transnational Feminism. 3 Credits.**

An interdisciplinary exploration of transnational and global feminisms with attention to global women's activism, the impact of globalization on women's movements, Global North/South conflicts and solidarities, and the development of gendered human right approaches.

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit



**WOM345. Women and Anger. 3 Credits.**

Through an examination of psychological and philosophical literature on anger and female development we consider foundations of the relationship between women and anger which continue to influence girls and women in both their personal and political relationships. We investigate the ways in which anger can be expressed destructively and constructively and the political dimension of anger as a catalyst for personal and social change.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM350. Native American Feminisms. 3 Credits.**

The course investigates Native American feminist theories as articulated by Indigenous women. Readings and assignments invite students to consider the gendered aspects of settler colonialism, uses of colonial violence to enforce heteropatriarchy, and contributions of Native feminist thinkers.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM352. Feminist Perspectives on Decolonization. 3 Credits.**

Explores the material and epistemic legacies of colonialism in different regions of the world using post-colonial, decolonial, and Indigenous feminist frameworks that center gender, sexuality, race, nation, and class struggle.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- WOM220 Minimum Grade of D-

**WOM353. Latina Feminisms. 3 Credits.**

An interdisciplinary course that examines the multiple ways that Latina/xs of various ethnic and racial backgrounds engage, create, define, challenge, and utilize feminism and feminist movement.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM393. Selected Topics. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**WOM399. Modular Course. 1-6 Credits.****Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May be repeated for credit

**WOM415. Women and Health. 3 Credits.**

Women's health issues from an interdisciplinary perspective. History and structure of the medical establishment as it affects women consumers. Designed for lay persons, this course will increase understanding of women and health care and foster informed decision-making.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM420. Practicum in WGSS. 3 Credits.**

Work in an organization or action project that serves or advocates for women. Participate in a seminar that analyzes various approaches to improving women's lives and integrates feminist theory and practice.

**Attributes:**

- Practicum - Non-Clinical
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Women's Studies (590)
  - Women's
  - Gender & Sexuality St (591)

May not be repeated for credit

**WOM421. Feminist Theory. 4 Credits.**

A critical examination of various theoretical frameworks for understanding women's lives and their relationship to feminist social change.

**Attributes:**

- Critical Thinking Intermediate
- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- WOM220 Minimum Grade of D-

May not be repeated for credit

**WOM423. Feminism in the U.S.. 3 Credits.**

An historical and theoretical analysis of various approaches to improving the status of women in the United States. The course examines recurrent themes in feminist theory and practice and traces the changes in feminist approaches from the 18th century to the present.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must not be enrolled in the following class: Freshman

**Prerequisites:**

- WOM220 Minimum Grade of D-

May not be repeated for credit

**WOM430. Women in the Caribbean. 3 Credits.**

History of Caribbean women in the context of slavery and colonialism, examination of Caribbean feminist perspectives and the impact of race, gender, class, ethnicity, religion, language, sexuality, and globalization in forming contemporary Caribbean women's identities.

**Attributes:**

- Liberal Arts

**Restrictions:**

- Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman

May not be repeated for credit

**WOM490. Senior Seminar in WGSS. 4 Credits.**

A critical, interdisciplinary approach to advanced topics in Women's Studies. The focus of the course will vary year to year. Students will work on a major research project of their choice. Open only to Women's Studies majors.

**Attributes:**

- Research
- Critical Thinking Advanced
- Information Mgmt Advanced
- Liberal Arts
- Writing Intensive

**Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Women's Studies (590)
  - Women's
  - Gender & Sexuality St (591)

**Prerequisites:**

- WOM220 Minimum Grade of D-
- WOM421 Minimum Grade of D-
- WOM321 Minimum Grade of D-

May not be repeated for credit

**WOM493. Selected Topics. 3-12 Credits.**

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

**Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**WOM494. Fieldwork In Women's, Gender, & Sexuality Studies. 1-15 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**WOM495. Indep Study Women's, Gender, & Sexuality Studies. 1-12 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May be repeated for credit

**WOM499. Modular Course. 0 Credits.****Restrictions:**

- Must not be enrolled in the following class: Freshman

May not be repeated for credit

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