## Undergraduate Catalog 2020-2021

## About New Paltz

Mission Statement

## 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 practica;
- 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 college 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.
5. 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.
6. develop the tools to become a lifelong learner and a productive contributor to learning communities, including SUNY New Paltz.
7. 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.

## To Learn • To Search • To Serve

## History of the Campus

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 Wallkill 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.

New Paltz was one of the founding schools in the SUNY system, created in 1948. Under SUNY's umbrella, New Paltz continued to thrive and innovate. Art education was introduced in 1952. Fifty years later, the college's Master of Fine Arts program would be ranked in the top 100 Best Graduate Schools by U.S. News \& World Report, which also ranked the Metal/Jewelry program No. 1 in the nation. New Paltz, along with Fredonia, in 1960 became the first four-year schools in the system to award the Bachelor of Arts degree. Reflecting this change, the following year the name was changed to State University of New York College of Liberal Arts and Science at New Paltz.

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.

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), $19^{\text {th }}, 20^{\text {th }}$ and $21^{\text {st }}$-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 college'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 covers 216 acres and 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, and Graduate \& Extended Learning.

Largely as an outgrowth of a forward-looking, 5-year (2008-2013) SUNY capital plan, the physical campus has improved dramatically in the 21st 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 a new "engineering innovation hub" (2019). These changes represent the most significant investment in infrastructure to support the college's educational mission since the Governor Nelson Rockefeller era.

Since launching the Hudson Valley Advanced (later Additive) Manufacturing Center in spring 2013, the college'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 a minor 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.

Over time, the curricular mission of the school has broadened from the nearly single-track of the Normal School to 143 programs in six schools. 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. 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.

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.

For more campus history, visit our Facebook page and the Sojourner Truth Library/ College History Collection page.

## About the Undergraduate Catalog

The Undergraduate Catalog contains information about the College, its mission and history, degree requirements, major and minor programs, course information, and academic policies.

Though New Paltz does not print the Undergraduate Catalog, this pdf for the current academic year can be printed in whole or in part. A summary of undergraduate program codes (majors by degree type) 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 semester.

For questions about the Undergraduate Catalog, please contact Valerie McAllister in the Office of the Provost/Vice President for Academic Affairs, Haggerty 802B, at 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, Academic Advising, Financial Aid, 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
- Visual Arts Education
- Music Therapy
- Early Childhood and Childhood Education
- Adolescence Education
- Psychology
- Communication Disorders

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.

## Accreditation \& Memberships

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.

The SUNY College at New Paltz is accredited by the Middle States Commission on Higher Education (MSCHE), 3624 Market Street, Philadelphia, PA 19104. (267-284-5000) 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 website for more information and our Statement of Accreditation Status.

SUNY New Paltz is also accredited by

- National Association of Schools of Art and Design (NASAD), 11250 Roger Bacon Drive, Suite 21, Reston, VA 20190-5248; phone: 703-437-0700
- National Association of Schools of Music (NASM), 11250 Roger Bacon Drive, Suite 21, Reston, VA 20190-5248; phone: 703-437-0700
- National Association of Schools of Theatre (NAST), 11250 Roger Bacon Drive, Suite 21, Reston, VA 20190-5248; phone: 703-437-0700
and
was accredited in 2015 for seven years by the Council for the Accreditation of Educator Preparation (CAEP), 2010 Massachusetts Avenue NW, Suite 500, Washington, DC 20036; phone: 202-466-7496, under the Legacy Standards of the National Council for Accreditation of Teacher Education (NCATE). This accreditation covers initial teacher preparation programs and advanced educator preparation programs. CAEP is recognized by the U.S. Department of Education and the Council for Higher Education Accreditation to accredit programs for the preparation of teachers and other professional school personnel. The Education Preparation Programs (EPPs) at SUNY New Paltz are pursuing accreditation with the Association for Advancing Quality in Educator Preparation (AAQEP), P.O. Box 7511, Fairfax Station, VA 22039. AAQEP is seeking recognition by the U.S. Department of Education and the Council for Higher Education Accreditation and has been an approved option for continuous accreditation in New York State as outlined in NYSED regulation 8 CRR-NY 52.21(c)(6)(iii)(b)(2).

The following academic programs are nationally accredited or certified.

- School of Business programs are accredited by the Association to Advance Collegiate Schools of Business (AACSB) International.
- The graduate program in Music Therapy is approved by the American Music Therapy Association (AMTA).
- Chemistry curriculum is certified by the American Chemical Society (ACS).
- Computer, Electrical and Mechanical Engineering programs are accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.
- The Master of Science program in speech-language pathology (Department of Communication Disorders) is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA) of the American Speech-LanguageHearing Association, 2200 Research Boulevard \#310, Rockville, MD, 20850, phone: 800-498-2071 or 301-296-5700.
- The Center for Student Success is certified by the College Reading and Learning Association (CRLA).


## Institutional Memberships

- Association of American Colleges \& Universities (AAC\&U)
- American Association of State Colleges and Universities (AASCU)
- American College \& University Presidents' Climate Commitment (ACUPCC)

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

## Financial Information \& Policies

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
Website: https://www.newpaltz.edu/student_accounts/

Tuition \& Fees, Fall 2020
***RATES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE***
Fast Facts about Broad-Based Fees in Fall 2020

## RATES PER SEMESTER

## Full time:

NYS resident undergraduate - \$3,535.00
NYS resident undergraduate (Excelsior) - \$3,235.00
NYS resident graduate - \$5,655.00
NYS resident MBA - \$7,500.00

Non-NYS resident undergraduate - $\$ 8,490.00$
Non-NYS resident graduate - $\$ 11,550.00$
Non-NYS resident MBA - $\$ 12,195.00$

## RATES PER CREDIT HOUR

NYS resident undergraduate - \$295.00
NYS Excelsior rate - $\$ 270.00$
NYS resident graduate - $\$ 471.00$
NYS resident MBA - $\$ 625.00$

Non-NYS resident undergraduate - $\$ 708.00$
Non-NYS resident graduate - $\$ 963.00$
Non-NYS resident MBA - \$1,016.00
**Non-Resident Online Only**

|  | Year | Semester | Per Credit |
| :--- | :--- | :--- | :--- |
| Undergrad | $\$ 8,480.00$ | $\$ 4,240.00$ | $\$ 353.00$ |
| Grad-Masters | $\$ 13,570.00$ | $\$ 6,785.00$ | $\$ 565.00$ |
| MBA | $\$ 18,000.00$ | $\$ 9,000.00$ | $\$ 750.00$ |

**A student enrolled at a State University of New York (SUNY) State-operated campus who: (a) for a given term is enrolled exclusively in online distance learning course(s); and (b) has not had an address within the borders of New York State at any point within the previous 12 months of a given State-operated campus fiscal year may be eligible for a discounted non-resident tuition rate. Campuses will determine whether a student meets the requirements by requiring documentation, as needed, to demonstrate compliance and to ensure that this definition is narrowly tailored to online-only non-resident students with no physical presence in New York.

| FEES | FULL-TIME | PART-TIME |
| :--- | :--- | :--- |
| Per Semester |  |  |$|$


| Food Service | 7-Meal Plan: \$2,400.00 |  |
| :---: | :---: | :---: |
| Late Registration Fee | \$40.00 |  |
| Admin Fee and Late Penalty Fees | For balances < $\$ 1,000$ : Up to $\$ 30.00$ For balances between $\$ 1,000$ and \$1,999.99: Up to $\$ 40.00$ <br> For balances $\$ 2,000$ and above: Up to \$50.00* |  |
| Returned Check Fee | \$20.00 |  |

Billing and payment is made on a semester basis. Students are billed when they register. Fulltime student $=12$ or more semester credit hours. Part-time student $=11$ or fewer semester credit hours.

* Posted at the close of business on stated due date. Additional LATE FEES may be charged monthly on unpaid accounts once the semester begins.

See our broad-based Fee Waiver Policy for all full-time, professional and Civil Service Employees at SUNY New Paltz.
***RATES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE***

## Description of Fees:

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 his/her 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 his/her 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.

Required Fees: The SUNY Board of Trustees has authorized each state-operated campus to charge the following mandated fees to all students for the continuing operation of the below noted programs:

- College Fee: A mandatory fee for the support of student administrative services.
- Student Services Fee: A combination of the following four mandatory fees:
$>$ Health Center Fee: For the operation of the Student Health Center (please note that this is NOT health insurance)
$>$ Student Activity Fee: Approved by the student body for the operation of all college student activities
$>$ Athletic Fee: For the operation of the intercollegiate athletic program
$>$ Technology Fee: 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.


## - Other Fees:

$>$ Gift to the Fund for New Paltz (optional): Join the nearly 8,000 students, parents, friends, and alumni who, with their generous gifts, help create the New Paltz Experience. By donating $\$ 12.00$ to the New Paltz Fund, you will help support many of the programs, events and lectures on our campus, as well as contribute to faculty-guided student research and scholarships. Your gift is tax deductible and a tax receipt will be delivered to your campus email address. In addition, the names of students whose gifts enrich campus life will be listed on the SUNY New Paltz Foundation website. If you have any questions, please contact the Development Office at (845) 257-3240.
$>$ Course Fees: Certain courses have been approved to charge laboratory or material fees.
$>$ Housing Charge: This is billed to all students living on campus.
> 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 his/her my.newpaltz.edu account. The waiver must be submitted by the end of the second week of the semester. Waiver requests submitted after that date will not be honored. All international students registered at SUNY New Paltz must accept the Foreign Health Insurance offered by the College.
$>$ Overseas Program Health Insurance: 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 $\$ 40.00$.
$>$ Course Change: Adding/dropping courses after the second week of classes will result in a Course Change Fee (see Academic Calendar for specific dates). The fee is $\$ 20.00$.
> Administrative Fee/Late Penalties: 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.
$>$ Returned Check Fee: Checks that are returned by a student's bank will incur a $\$ 20.00$ fee.
**PLEASE NOTE: All charges and fees are subject to change without prior notice.

## Billing Information

All billing is done online through students' my.newpaltz.edu accounts. Paper invoices are no longer mailed as part of an effort to reduce costs and be more environmentally conscious.

Please follow the steps below to see your semester charges:

1. Check your SUNY New Paltz email account for an email alerting you that your invoice is available for viewing on my.newpaltz.edu
2. Log on to your my.newpaltz.edu account
3. Click on the "Students" tab
4. Click on the "Money" link
5. Choose the "My Student Account" link
6. Make sure you are viewing the correct semester

Students should review their semester charges and then accept their financial responsibility. Students cannot accept their financial responsibility without payment or payment arrangements for the full balance on their invoice. Financial responsibility may be accepted online or by printing, signing and returning a copy of their invoice to the Office of Student Accounts with payment or payment arrangements. Financial responsibility must be accepted even if there is a credit balance on the bill due to excess financial aid.

Students who are billed Health Insurance have the opportunity to complete the Health Insurance Waiver online if they have their own coverage or are covered by a family member. Waivers may also be printed from the Health Insurance Waivers web page and forwarded to the Office of Student Accounts. Please do not send the Health Insurance Waiver to the Student Health Center. The deadline for waivers is the end of the second week of the semester. Waivers received after that period will not be honored.

The Office of Student Accounts will only discuss a student's account with someone the student authorizes. Authorization may be given online option through the student's my.newpaltz.edu account via the "Students" tab. Click on "General," then "Information Release Waiver," and lastly "Add person." Once a person has been designated, a pop-up screen appears that explains what the release of information entails and provides the authorized individual with a PIN number.

Should you have any additional questions, please contact the Office of Student Accounts at stuacct@newpaltz.edu or 845-257-3150.

## 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, or international wire transfer through peerTransfer (see information below under "Electronic Fund Transfer") when you log on to the My Student Account link at my.newpaltz.edu.

By Mail: Include a check or postal money order payable to SUNY New Paltz with a signed copy of your invoice. You may also pay by VISA, Discover, American Express, or MasterCard. The mailing address is SUNY New Paltz, Office of Student Accounts, 400 Hawk Drive, New Paltz, NY 12561.

In Person (please be aware that due to COVID-19 concerns, in-person services may not be available for the Fall 2020 semester): You may stop by the Office of Student Accounts in Wooster Hall, Room 114, any time the office is open to make payment. You may pay by check, traveler's check, certified check, or postal money order payable to SUNY New Paltz, or by VISA, Discover, American Express, MasterCard, or with cash.

By Phone: Students may pay by credit card over the phone at 845 257-3150 with a VISA, American Express, Discover or MasterCard. Permission from the cardholder must be obtained if the student is using a credit card that does not belong to him/her. Currently, office personnel must take your credit card information.

Electronic Funds Transfer (EFT): Students may arrange to make electronic payment through Flywire at https://www.flywire.com/. The student initiates the transfer, and Flywire converts the currency to US dollars and transmits to the College bank account. The student's Banner Student Account is automatically credited when the funds are received. Note that Flywire charges a fee for this transaction. Please contact the Office of Student Accounts if you have and questions about your invoice before making payment.

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*. 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 the 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 from you exceeds $\$ 500$ for the semester, you may enroll in the Time Payment Plan for the balance. Enroll online at my.newpaltz.edu.

* The payment plan is not available during Summer Session due to its short duration.


## Deadlines and Late Fees

Students can accept their financial responsibility and pay their invoice online at my.newpaltz.edu, or by returning a signed copy of their invoice with payment or payment arrangements no later than the close of business on the stated due date.

Payment arrangements include enrollment in the New Paltz Time Payment Plan (during the fall and spring semesters); actual financial aid; proof of external funding, such as a scholarship, that will be sent directly to the College; VESID benefits, and/or approved tuition waivers. DO NOT DEDUCT WORK STUDY AWARDS FROM INVOICE. Work study money is paid directly to
the students for work performed and cannot be applied to any college fees. New students whose financial aid is not finalized may apply for a one-time personal deferral which will extend their payment due date.

Students who are enrolled in at least 6 credits and who have a completed FAFSA on file with the Financial Aid Office may be eligible for a one-time deferral if Financial Aid has not been processed by the due date of their invoice. Please contact the Office of Student Accounts by the due date of your bill to see if you are eligible.

Please be advised that all Student Account notifications regarding the student's invoice will be emailed to his or her Hawkmail email account. To receive these notifications to any other email address, please sign up as an authorized PAYER at my.newpaltz.edu.

Please note that any 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, blocks, holds, and/or referral to an outside collection agency.

## 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 College, this is the date that a properly completed "Leave of Absence" or "Withdrawal from College" form is received by the Office of Student Accounts. The exception to the refund policy is the College Fee, which is non-refundable effective as of the official first day of the semester. For the fall 2020 semester, students will receive a refund for the following percentages, based on the official first day of class:

| Week | Refund Schedule | Final Date |
| :---: | :---: | :---: |
| End of week 1 | $100 \%$ | August 30, 2020 |
| End of week 2 | $70 \%$ | September 6, 2020 |
| End of week 3 | $50 \%$ | September 13,2020 |
| End of week 4 | $30 \%$ | September 20, 2020 |
| Thereafter | $0 \%$ | as of September 21, 2020 |

Please refer to the Academic Calendar for other important dates.
If the student's semester invoice is paid in full, 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 check. 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 College 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 his/her 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.

## Veteran \& Military Services Tuition-Related Policies

- Military-Affiliated Student Tuition \& Fee Deferral Policy: 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 blackboard, 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
```

- Return of Tuition Assistance: 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 prorate 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.

## 15-Week course withdrawal submitted

| Week \#1 | \#2 | \#3 | \#4 | \#5 |  | \#6 |  | \#7 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| Day 6- $94 \%$ | $88 \%$ | $81 \%$ | $74 \%$ | $68 \%$ | $60 \%$ | $53 \%$ | $47 \%$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $93 \%$ | $86 \%$ | $80 \%$ | $73 \%$ | $67 \%$ | $59 \%$ | $52 \%$ | $46 \%$ | ay 64-0\% |

## 10-Week course withdrawal submitted

| Week \#1 | \#2 | \#3 | \#4 | \#5 | \#6 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Day 1-99\% | Day 8-89\% | Day 15-76\% | Day 22-65\% | Day 29-54\% | Day 36-43\% |
| Day 2-97\% | Day 9-87\% | Day 16-75\% | Day 23-63\% | Day 30-52\% | Day 37-41\% |
|  |  |  |  | Day 38-40\%- |  |
| Day 3-96\% | Day 10-86\% | Day 17-73\% | Day 24-62\% | Day 31-51\% | $\mathbf{6 0 \%}$ <br> Completed |
| Day 4-94\% | Day 11-84\% | Day 18-71\% | Day 25-60\% | Day 32-49\% | Day 39-0\% |
| Day 5-93\% | Day 12-83\% | Day 19-70\% | Day 26-59\% | Day 33-48\% |  |
| Day 6-91\% | Day 13-81\% | Day 20-68\% | Day 27-57\% | Day 34-46\% |  |
| Day 7-90\% | Day 14-80\% | Day 21-67\% | Day 28-56\% | Day 35-44\% |  |

## 9-Week course withdrawal submitted

| Week \#1 | \#2 | \#3 | \#4 | \#5 | \#6 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Day 1-98\% | Day 8-87\% | Day 15-76\% | Day 22-65\% | Day 29-54\% | Day 36-43\% |
| Day 2-97\% | Day 9-86 \% | Day 16-75\% | Day 23-63\% | Day 30-52\% | Day 37-41\% <br>  <br> Day 3-95\% |
|  | Day 10-84\% | Day 17-73\% | Day 24-62\% | Day 31-51\% | Day 38-40\%- <br> 60\% <br> Completed |
| Day 4-94\% | Day 11-83\% | Day 18-71\% | Day 25-60\% | Day 32-49\% | Day 39- 0\% |
| Day 5-92\% | Day 12-81\% | Day 19-70\% | Day 26-59\% | Day 33-48\% |  |
| Day 6-90\% | Day 13-79\% | Day 20-68\% | Day 27-57\% | Day 34-46\% |  |
| Day 7-88\% | Day 14-78\% | Day 21-67\% | Day 28-56\% | Day 35-44\% |  |

## 8-Week course withdrawal submitted

| Week \#1 | \#2 | \#3 | \#4 | \#5 |
| :--- | :---: | :---: | :---: | :--- |
| Day 1-98\% | Day 8-86\% | Day 15-73\% | Day 22-61\% | Day 29-48\% |
| Day 2-96\% | Day 9-84\% | Day 16-71\% | Day 23-59\% | Day 30-46\% |
| Day 3-95\% | Day 10-82\% | Day 17-70\% | Day 24-57\% | Day 31-45\% |
| Day 4-93\% | Day 11-80\% | Day 18-68\% | Day 25-55\% | Day 32-43\% |
| Day 5-91\% | Day 12-79\% | Day 19-66\% | Day 26-54\% | Day 33-41\% |
| Day 6-89\% | Day 13-77\% | Day 20-64\% | Day 27-52\% | Day 34-40\%- |
|  |  |  |  | $\mathbf{6 0 \%}$ Completed |

## 7-Week course withdrawal submitted

## Week \#1

Day 1-98\%
Day 2-96\%
Day 8-84\%
Day 15-69\%
Day 22-55\%

Day 3-94\%
Day 9-82\%
Day 16-67\%
Day 23-53\%
\#5
Day 29-40\%-60\% Completed

Day 4-92\%
Day 10-80\%
Day 17-65\%
Day 24-51\%

Day 5-90\%
Day 11-78\%
Day 18-63\%
Day 25-49\%

Day 6-88\%
Day 12-76\%
Day 19-61\%
Day 26-47\%
Day 7-86\%
Day 13-73\%
Day 20-59\%
Day 27-45\%
Day 14-71\%
Day 21-57\%
Day 28-43\%

## 6-Week course withdrawal submitted

Week \#1
Day 1-98\%
Day 2-95\%
Day 3-93\%
Day 4-90\%
Day 5-88\%
Day 6-86\%
Day 7-83\%

Week \#1
Day 1-97\%
Day 2-94\%
Day 3-91\%
Day 4-89\%
Day 5-86\%
Day 6-83\%
Day 7-80\%
\#2
Day 8-81\%
Day 9-79\%
Day 10-76\%
Day 11-74\%
Day 12-71\%
Day 13-69\%
Day 14-67\%
\#3
Day 15-64\%
Day 16-62\%
Day 17-60\%
Day 18-57\%
Day 19-55\%
Day 20-52\%
Day 21-50\%

## 5-Week course withdrawal submitted

\#2
Day 8-77\%
Day 9-74\%
Day 10-71\%
Day 11-69\%
Day 12-66\%
Day 13-63\%
Day 14-60\%

## \#3

Day 15-57\%
Day 16-54\%
Day 17-51\%
Day 18-49\%
Day 19-46\%
Day 20-43\%
Day 21-40\%-60\%
Completed

Day 22-0\%

4-Week course withdrawal submitted

Week \#1
Day 1-96\%
Day 2-93\%
Day 3-89\%
Day 4-86\%
Day 5-82\%
Day 6-79\%
Day 7-75\%
\#2
Day 8-71\%
Day 9-69\%
Day 10-64\%
Day 11-61\%
Day 12-57
Day 13-54
Day 14-50

Day 15-46
Day 16-43
Day 17-40\%-60\%
Completed
Day 18-0\%

## 1-2 Week (13 Days) course withdrawal submitted

| Day 1-92\% | Day 2-85\% Day 3-78\% Day 4-69\% Day 5-62\% | Day 6-54\% |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | Day 8-40\%- |  |  |  |  |
| Day 7-46\% | $\mathbf{6 0 \%}$ | Day 9- 0\% |  |  |  |
|  | $\mathbf{C o m p l e t e d}$ |  |  |  |  |

## $\underline{\text { Winter Session }}$

## 3 Week (21 Days) course withdrawal submitted

| Day $1-95 \%$ | Day $8-62 \%$ |
| :--- | :--- |
| Day $2-90 \%$ | Day $9-57 \%$ |
| Day $3-86 \%$ | Day $10-52 \%$ |
| Day $4-81 \%$ | Day $11-48 \%$ |
| Day $5-76 \%$ | Day $12-43 \%$ |
| Day $6-71 \%$ | Day $13-40 \%-60 \%$ Completed |
| Day $7-67 \%$ | Day $14-0 \%$ |

## Statement of Student Responsibility

Students themselves are responsible for reviewing, understanding, and abiding by the College's regulations, procedures, requirements, and deadlines as described in all official publications and/or online websites. These include, but are not limited to, the Schedule of Classes, Summer Session catalogs, Undergraduate and Graduate catalogs, and the Student Advising Handbook.

Our website provides much of the information that a New Paltz student will need regarding billing and payment-related issues. The information is categorized to make it easy to find, while
highlighting some of the more important issues that can affect a student. To aid our students in understanding their responsibilities, we would also like to emphasize three important items:

1. The student is the customer. According to the Federal Family Education Rights and Privacy Act of 1974 (the Buckley Amendment), all of a student's college records, including the financial account, are the property and responsibility of the student. All invoices and notices are sent to the student, even if another person is paying on behalf of the student. The College may not discuss specific aspects of a student's account without written authorization from the student. Please read the section entitled "FERPA" for more information regarding the disclosure of student information.
2. PAYMENT DEADLINES: Payment deadlines are INDIVIDUALLY CALCULATED based upon your INITIAL or ORIGINAL registration. You must accept your financial responsibility and make payment or payment arrangements by the payment due date stated on your invoice, even if no payment is due. If your account is not paid or if you have not made payment arrangements by the payment due date, your account may be subject to late penalties as well as de-registration. All payments received via the mail are date stamped upon receipt and processed in date-received order.
3. Please read the information we send to you. Your education is important, and represents a big investment of both time and money. Take the time to become familiar with the information that is provided to you. Of course, we are here to help you through the billing and payment process. If you have questions regarding your student account, please feel free to contact our office at (845) 257-3150 or e-mail your questions to stuacct@newpaltz.edu

## Information Release Waiver

Permission must be granted by the student in order for the Office of Student Accounts and/or Records \& Registration to discuss your student invoice, financial account and/or academic record with any third party, including parents or guardians.

A personal identification number (PIN) associated with each person the student authorizes to access the Student Account and/or Records and Registration information will be randomly generated and displayed to the student after submitting the waiver. It is the student's responsibility to provide that number to the person to whom the student has granted access as that individual must have the correct PIN number in order to verify their identity prior to any release of information.

All authorizations will expire June 1 of every year or upon graduation. Students must reauthorize each person every year after that date. Subsequently, a new PIN will be generated for any person to whom the student has granted access.

## To submit the waiver, go to my.newpaltz.edu > General > Information Release Waiver > Add person

Please visit the Office of Student Accounts website for more information and details, including Frequently Asked Questions.

## Financial Aid

The Office of Student Financial Services at SUNY New Paltz provides aid and advisory services to students and families seeking resources to achieve educational goals and to support the College's recruitment, enrollment, and retention objectives while maintaining regulatory compliance. Additional information can be found on the web at www.newpaltz.edu/financialaid.

## Contact Information:

Mailing Address:
Office of Financial Aid
State University of New York at New Paltz
200 Hawk Drive
New Paltz, NY 12561-2437
Campus Location: Wooster Hall 124
Telephone: (845) 257-3250
Fax: (845) 257-3568
E-mail: fao@newpaltz.edu
Website: www.newpaltz.edu/financialaid
SUNY New Paltz FAFSA Federal School Code: $\mathbf{0 0 2 8 4 6}$ (use in Step 6 of the FAFSA)
SUNY New Paltz TAP (Tuition Assistance Program) Code: 0925
Visit the Office of Student Financial Services website for helpful websites and phone numbers.

The following Financial Aid Checklists are available:
Accepted Fall Freshmen \& Transfers
Continuing Undergrads
Graduate Students
Spring Semester Freshmen and Transfers

## How to Apply for Financial Aid

Obtain a FSA ID: If you do not already have a U.S. Department of Education Federal Student Aid (FSA) ID, you can create one online. You will need a FSA ID to electronically sign your Free Application for Federal Student Aid (FAFSA). If you are a parent providing information on the FAFSA, one parent should also apply now for a FSA ID so he/she can electronically sign your FAFSA. A FSA ID will allow you to agree to the FAFSA certification statement, sign and check the status of your FAFSA application, import your IRS tax information, make online corrections to an existing FAFSA, sign federal student loan documents, and complete loan entrance or exit counseling. Your FSA ID confirms your identity when you access your financial aid information and electronically sign Federal Student Aid documents. Your FSA ID is confidential and should not be shared with anyone. Since the FSA username does not expire, you should keep a permanent record of it. Your

FSA ID password will expire every 18 months unless you change it. View FSA ID Frequently Asked Questions.

Complete a Free Application for Federal Student Aid: There is no fee to complete the FAFSA online. To complete the FAFSA, go to studentaid.ed.gov/sa/fafsa and select "Start Here" (for a first-time user) or "Login" (for a returning user) in the middle of the page. This enables you to start or continue your FAFSA, correct your FAFSA, and check on the status of your FAFSA. Follow the on-screen instructions. If you filled out a FAFSA Application Worksheet, use it to complete the application. If you only partially complete the FAFSA, it is possible to save your information to be completed at a later time. Once you have completed the FAFSA, review your answers carefully, and correct them if necessary before you submit your application. Remember to add the SUNY New Paltz Federal Code of 002846. Submit your application by selecting the "Sign and Submit" button on the form. Once you submit your application, you will be taken to a "Confirmation Page" that shows your confirmation number and estimated Expected Family Contribution (EFC). You should print a copy of the Confirmation Page for your records.
After the FAFSA is submitted, you will receive a Student Aid Report (SAR) Information Acknowledgement. If you provided a valid e-mail address, you will receive an e-mail with a link to your SAR on the web in three to five days. If no valid e-mail address was provided, a SAR will be received in the mail within seven to ten days after submitting your FAFSA online.

## TIPS

- The 2020-2021 FAFSA will be based on 2018 tax year. The 2021-2022 FAFSA will be based on the 2019 tax year.
- Remember that applying has two parts. You apply to go to college at SUNY New Paltz and you apply for student financial aid by completing FAFSA on the Web.
- A high school student should complete the FAFSA as soon as possible after October 1 of the student's senior year. Continuing undergraduate students, transfer students, and graduate students should complete the FAFSA by the college's priority deadline of March 1.
- Before beginning the FAFSA, get together the documents you need. Start with your Social Security Number, driver's license, income tax return, bank statements and investment records. Plan how to sign your FAFSA with a FSA ID. Speed up the process with your FSA ID by signing electronically.
- Never tell anyone your FSA ID. Create your own FSA ID. Letting someone else create or use your FSA ID can cause problems or delays with your student aid.
- Keep your FSA ID in a safe place; it serves as your electronic signature for the FAFSA on the Web and will be useful for other purposes later.
- You and your parents (if dependent) should read the FAFSA instructions carefully.
- Round to the nearest dollar and do not use commas or decimal points. Do not include or send notes, tax forms, or letters when submitting the FAFSA.
- Check with a Financial Aid Administrator if you will have unusual circumstances.
- Try to be as accurate as possible with tax information to avoid EFC changes that could impact your financial aid package.
- Using the IRS Data Retrieval tool prior to completing the FAFSA is highly recommended because it is the easiest way to provide your tax data and it is the best way to ensure that your FAFSA has accurate tax information.
- Carefully review the information provided on your Student Aid Report (SAR) that is sent to you upon completion of the FAFSA. The information from the SAR can provide a student with important information about possible amounts of financial aid.
- For help completing the FAFSA, you can use online chat at FAFSA on the Web or call the Federal Student Aid Information Center toll-free at 1-800-433-3243.

Financial Aid Award Letter: The College electronically receives the processed financial aid information from the U.S. Department of Education, after the student completes FAFSA on the Web. If the FAFSA application is complete and no other further information is required, the Office of Financial Aid will then send each applicant a financial aid award letter by email indicating their estimated eligibility for state and federal grants, scholarships, federal loans, and/or federal work study. Students can accept or decline their financial aid award letter electronically on my.newpaltz.edu.

New York State TAP Grant: A full-time undergraduate student who is a New York State resident may be eligible for the Tuition Assistance Program (TAP). Students can now apply for both federal and state aid using a single online session. After submitting the FAFSA on the Web, a New York State resident is able to immediately link to the TAP on the Web form (from the FAFSA Confirmation Page), which is pre-filled with his/her FAFSA data. If the student does not complete TAP on the Web at this time, he/she will be sent an e-mail or postcard from Higher Education Services Corporation (HESC) with instructions on how to establish a HESC PIN and how to use the online TAP application. Students who do not respond will be mailed a paper TAP application. The SUNY New Paltz TAP Code is 0925. For more information about TAP, see Grants: Tuition Assistance Program (TAP) below.

Also see Scholarships: New York State Excelsior Scholarship Program for information about applying for an Excelsior Scholarship.

Verification is the process of comparing the information reported on the FAFSA with information on your tax returns and other financial documents and making corrections as necessary. The College uses the verification process to check for accuracy of FAFSA data. The purpose is to reduce error rates in applicant-reported data and to assure eligible applicants receive the correct amount of financial assistance. It is a requirement via federal financial aid regulations. For more information see 2020-2021 Verification.

## Types of Aid

## Undergraduate Federal Loans

- Federal Student Loans

ELIGIBILITY: Matriculated undergraduates must file the FAFSA to qualify for Federal Student Loans, also known as Subsidized and/or Unsubsidized Loans. Undergrads must
be enrolled for 6 credits or more per semester to be eligible and must be making satisfactory academic progress towards their degree.
*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. Login using your FSA ID to complete both requirements.

## LOAN AMOUNTS:

## Yearly Amounts for Dependent Undergraduates

- $0-29$ credits: $\$ 5,500$ (no more than $\$ 3,500$ of this amount may be subsidized)
- $30-59$ credits: $\$ 6,500$ (no more than $\$ 4,500$ of this amount may be subsidized)
- $60+$ credits: $\$ 7,500$ (no more than $\$ 5,500$ of this amount may be subsidized)
- Aggregate total of $\$ 31,000$ (no more than $\$ 23,000$ of this amount may be subsidized)


## Independent Undergrads (or dependent students w/a Parent PLUS denial)

- 0-29 credits: $\$ 9,500$ (no more than $\$ 3,500$ of this amount may be subsidized)
- 30-59 credits: \$10,500 (no more than \$4,500 of this amount may be subsidized)
- 60+ credits: $\$ 12,500$ (no more than $\$ 5,500$ of this amount may be subsidized)
- Aggregate total of $\$ 57,500$ (no more than $\$ 23,000$ of this amount may be subsidized)


## LOAN FEES \& RATES:

The 2020/2021 interest rates for subsidized and unsubsidized loans effective July 1, 2020 is $\mathbf{2 . 7 5 \%}$. For loans disbursed before October 1, 2020, the origination fee is $1.059 \%$ of the loan. For loans disbursed after October 1, 2020 the origination fee is $1.057 \%$. Origination fees are taken out of the loan before dispersal. Example: If you borrow $\$ 1,000$ for fall, then $\$ 990$ will get disbursed to the college.

Subsidized means interest will NOT accrue while enrolled in college at least halftime, while unsubsidized means interest will accrue while enrolled.
*Your ratio of subsidized vs. unsubsidized loan eligibility is based on your FAFSA results and not everyone qualifies for subsidized.

REPAYMENT: Repayment begins 6 months after the student graduates or falls below half-time. Standard repayment is ten years. IMPORTANT- 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.

- Alternative/Private 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.


## How can I apply for an alternative loan?

1. You may apply 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 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:

1. Having an existing balance to pay for an enrollment period within the past 365 days.
2. Are taking one or just a few classes or attending less than half time.
3. Are seeking a professional certification or enrolled in a continuing education program.
4. Are a U.S. citizen enrolled in a foreign institution or study abroad program.
5. 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 Federal Parent PLUS Loan is a federal loan in the parent's name. It's often used to help fill the gap when the student's aid doesn't cover all college-related expenses. A parent can borrow up to the cost of attendance minus the student aid. It's offered by the college via the FAFSA, but the parent must do a separate credit check application to secure the loan. The credit check application is available annually after May 1st. You will need to re-apply each year.

You must be credit-approved before the loan will show as a credit on the student's invoice, so you'll want to apply as early as possible after May 1st.

How to apply: Parent borrowers must login with their FSA ID at StudentAid.gov. It's important to login as the parent, not the student.

Click the Parent tab. Then complete the following annually: 'APPLY FOR A PARENT PLUS LOAN' then click the box "LOG IN TO START." Enter your FSA ID and password to log in. Complete all sections as prompted. After completing the application and authorizing a credit check you will be notified immediately on the screen if you are approved or denied.

If approved, new borrowers will be asked to complete a master promissory note online (more detailed instructions below). Know that typically a signed master promissory note will be good for ten years, but you must still complete the credit check request every year (on/after May 1st) if you wish to borrow for that student.

If denied, the parent can appeal the denial, or ask a credit-worthy cosigner to obtain a FSA ID and endorse the loan online. If the parent decides not to pursue the PLUS Loan with an endorser, the student can borrow additional unsubsidized student loan funds - up to $\$ 4,000 /$ year for freshman ans sophomores, and up to $\$ 5,000 /$ year for juniors and seniors. The student can contact our office to request the additional student loan funds (our email is FAO@newpaltz.edu).

## What are the costs to borrow?

For 2020/21, the interest rate effective July 1st, 2020 is $\mathbf{5 . 3 0 \%}$. For loans disbursed prior to October 1, 2020, the Federal Direct Loan Origination fees for a Parent loan (PLUS) is $4.236 \%$. For loans disbursed after October 1, 2020, the origination fee is $4.228 \%$.

Please note that the origination fee will be applied before the loan money disburses to the school.

## How much should I borrow?

Unless you specify otherwise during the application, the PLUS will be ONE loan with TWO disbursements (fall \& spring). As a general rule of thumb, you can view the fall invoice to see how much is needed to cover the student's charges, then double that amount and add a little (if you'd like to provide a cushion $\&$ cover the fee.)

Example- if you need $\$ 5000$ for fall, then you may want to apply for roughly $\$ 10,500$. After origination fees are deducted you will get around $\$ 5000$ for fall and $\$ 5000$ for spring. Or, if you are unsure of how much to borrow- you can request the max amount on the application.

## Grants

- 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 2020-2021 awards range from $\$ 639$ to $\$ 6,345$ for full-time enrollment for two semesters. The amount of the Pell Grant may be prorated based on a students' 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 receive Pell for a maximum equivalent of twelve full-time semesters or six years, inclusive of any prior years. View the details of the regulations here: Pell Grant Lifetime Eligibility.

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.

IMPORTANT: 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." The reason it is called "Year Round" is because it allows students to receive additional Pell funds, often in summer terms. Example: 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.

- TAP (Tuition Assistance Program): 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 postsecondary program. Awards range from $\$ 500$ to $\$ 5,165$ 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 HESC website for additional information on TAP.

Does your award package include an estimated TAP Grant? There are several reasons why your TAP may be estimated, and estimated TAP grants indicate that action is required on your part. More information is available at hesc.ny.gov or (888) NYS-HESC.

- 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.

IMPORTANT: All 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.

- APTS (New York State Aid for Part-Time Study): APTS is a New York State tuitionassistance program for matriculated undergraduate students enrolled in 3 to 11 credits per semester. Applicants will 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 APTS information.
- FSEOG (Federal Supplemental Educational Opportunity Program Grant): This federal grant is awarded by the college 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. A student may receive FSEOG for the period required to complete a first baccalaureate degree. The FAFSA is used to apply.
- EOP (Educational Opportunity Program): EOP is a grant program for New York State residents who are admitted to the college through the Educational Opportunity Program at the beginning of their postsecondary 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. See the Admissions section under EOP for more information.
- Out-of-State Grants: Students who are considered out-of-state residents or who are from a state other than New York 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


## Scholarships

- 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.


## » Helpful Resources

## Excelsior Scholarship Fact Sheet

HESC Excelsior Scholarship Program Information
HESC Excelsior Scholarship Frequently Asked Questions
The Excelsior Scholarship is administered by Higher Education Services Corporation (HESC). New York State residents can visit HESC's Excelsior website for further details, including application/deadline information. In addition to income requirements, students must meet academic (complete 30 degree applicable credits per year) and residency requirements to qualify for and maintain this scholarship.

To apply, complete the FAFSA first each year. In the initial application year, also complete the TAP and Excelsior Applications at www.hesc.ny.gov. In subsequent years, complete the FAFSA and then the Payment of State Grants, Scholarships and Awards Application on the HESC web site. Please note that students need to send all of their final official college transcripts to the Admissions Office to be considered. The Excelsior Scholarship Program is administered by Higher Education Services Corporation (HESC). For questions, please contact HESC by phone at 1-888-697-4372 or by e-mail at scholarships@hesc.ny.gov.

- Freshman and Transfer Student Scholarships: Many students receive scholarships and awards from their local communities and are encouraged to research private scholarships on the web.
Although the college does not have a substantial merit-based program, it does participate on a limited basis with school districts that may have local "Dollars for Scholars" chapters which is coordinated with your high school guidance departments.

Please note that the Financial Aid Office only awards Federal and State regulated grant, work and loan programs based upon the FAFSA.
Upon acceptance to the college, any limited available merit awards would be offered by the Admissions Office at that time. There is no separate application.

- Continuing SUNY New Paltz Student Scholarships: There is an online application process for 2020-2021 scholarships, and applications will be accepted through March 31, 2020. Opportunities can be found here or:
- Log on through my.newpaltz.edu (select Money/Apply for Scholarship Opportunities)
- Complete a general application
- Select the opportunities tab and search for opportunities
- Complete the questions for each application and submit
- Private Scholarships: We encourage students to seek outside resources in addition to the Foundation Scholarships. Visit our Private Scholarship page for information and useful search engine tips.


## Work Study

Students who received a 2020-2021 Work Study award in their financial aid package will receive an email in mid-August with instructions on how to apply for Work Study positions.

Important: Please make sure that you have been awarded Work Study in your financial aid package before you download any hiring forms. To check to see if you have Work Study, you can $\log$ onto your my.newpaltz account by selecting, "Money," then select "My Financial Aid." If you have not been awarded Work Study in your financial aid package, you are not permitted to find a Work Study job. Instead, you can check out Student Assistant and/or OffCampus job opportunities as an employment alternative. Also, Federal Work Study will not be awarded for the sole purpose of helping students become eligible for additional government benefits such as Food Stamps.

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 a student the potential to earn a specified sum of money by turning in biweekly time sheets for the hours that you have worked. To secure a work study position you'll need to read the hiring instructions and then apply online.

## 2020-2021 On-line application and hiring process and related links for work study Students

1- Hiring Instructions
2- Click here to search and apply for a work study position

* On the Student Employment Homepage scroll to the bottom of the page and click on 'Students.'


## On-Campus Work Study Employers <br> Off-Campus Work Study Community Service Employers

Non-resident and undocumented students will find on this web page links to resources related to immigration, student aid, grants and scholarships.

## Keeping Your Aid

Federal Financial Aid Attendance Requirement: Federal regulations require that students receiving Title IV aid (Pell, SEOG, 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. This date can be found on the Academic Calendar. Students who have not begun attendance in the courses in 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.
Note: 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, and Federal Work Study. To learn more, see Drug Convictions and Financial Aid Eligibility.

## Financial Information and Policies

Satisfactory Academic Progress (SAP): You must make Satisfactory Academic Progress (SAP) in order to maintain your Federal Financial Aid eligibility. Read Policy for Satisfactory Academic Progress (SAP).

If you have received a notification that you have failed SAP, read SAP Appeal Process/Request.

Repeat Coursework: Federal regulations limit the number of times a student may repeat a course and receive federal financial aid for that course.

- A student may receive federal aid when repeating a course that was previously failed, regardless of the number of times the course was attempted and failed.
- A student may receive federal aid to repeat a previously passed course one additional time.
- Once a student has completed any course twice with a passing grade, he/she is no longer eligible to receive federal aid for that course.
- If a student retakes a course that is not federal aid eligible, a recalculation of aid is done to exclude the credits for the repeated course.
- This rule applies whether or not the student received federal aid for earlier enrollments in the course.

NOTE: Federal regulations specify that students may not receive aid for repeating courses previously passed twice, even if the student is required to retake those courses as part of their program.

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, Federal Supplemental Educational Opportunity Grants (FSEOGs), and Federal Perkins Loans. Federal Work Study funds which have been earned will not be included.
- Impact of withdrawing before completing at least $\mathbf{6 0 \%}$ 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 college, or 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 Student Accounts Office will determine if you will receive a full or partial refund of your tuition and fees, based on the Refund Policy as listed in the SUNY New Paltz online catalog 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 postwithdrawal 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, Perkins, 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 the College 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 College 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.

## Costs and Planning

Cost of Attendance: 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 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.

If you plan to enroll part-time your charges will be reduced per our tuition and fees schedule. Costs for Graduate/Professional studies can be found on Graduate \& Extended Learning's website.

Estimated Costs for Undergraduate NYS Resident Living On or Off-Campus

| Tuition | $\$ 7,270$ |
| :--- | ---: |
| Fees | $\$ 1,450$ |
| Room/Board | $\$ 14,500$ |
| Books/Supplies | $\$ 1,500$ |
| Personal Expenses | $\$ 1,200$ |
| Transportation | $\$ 1,100$ |
| Average Loan Fee | $\$ 50$ |
| Total Per Year | $\mathbf{\$ 2 7 , 0 7 0}$ |
| Total Per Semester | $\$ 13,535$ |

*Students living off-campus will not be billed for room and board. However, a student commuter meal plan is available for purchase.

## Estimated Costs for Undergraduate Out-Of-State Resident Living On or Off-Campus

| Tuition | $\$ 16,817$ |
| :--- | ---: |
| Fees | $\$ 1,450$ |
| Room/Board | $\$ 14,500$ |
| Books/Supplies | $\$ 1,500$ |
| Personal Expenses | $\$ 1,200$ |
| Transportation | $\$ 1,100$ |
| Average Loan Fee | $\$ 50$ |
| Total Per Year | $\mathbf{\$ 3 6 , 6 1 7}$ |
| Total Per Semester | $\$ 18,308.50$ |

*Students living off-campus will not be billed for room and board. However, a student commuter meal plan is available for purchase.

## Estimated Costs for Undergraduate Commuter or Living with Parents

| Tuition | $\$ 7,270$ |
| :--- | :--- |
| Fees | $\$ 1,450$ |
| Room/Board | $\$ 3,000$ |


| Books/Supplies | $\$ 1,500$ |
| :--- | ---: |
| Personal Expenses | $\$ 1,200$ |
| Transportation | $\$ 1,800$ |
| Average Loan Fee | $\$ 50$ |
| Total Per Year | $\mathbf{\$ 1 6 , 2 7 0}$ |
| Total Per Semester | $\$ 8,135$ |

*Students living at-home will not be billed for room and board. However, student commuter meal plan is available for purchase.

Tuition \& Fees, 2020-2021: See above, pp. 9-17.

## Net Price Calculator

SUNY Smart Track: SUNY Smart Track is a brand new online learning environment that empowers students and their families for a lifetime of success. With an emphasis on financial literacy education and default prevention services, Smart Track is designed for you to help every step of the way - from the moment you apply to New Paltz and continuing beyond graduation. Create a login today at SMART TRACK.

## Frequently Asked Questions

## Special Circumstances

A special circumstance appeal is a way for students and families to communicate changes in household income and resources that are not reflected on the FAFSA. Special circumstances are those that are very extenuating and beyond the family's control. They are not a comparison of scholarships offered by other schools or an appeal for merit aid. Eligible circumstances may include:

- involuntary loss of employment or income
- 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

If you meet one of the above criteria or have other significant financial circumstances that are not reflected on the FAFSA, you are welcome to submit an appeal for review. Although all appeals will not result in additional funding, we will keep all appeals on file for further consideration as funding permits.

## How to File an Appeal

1. File your 2020-21 FAFSA
2. Be an accepted student at SUNY New Paltz
3. Submit the 2020-2021 Special Circumstances Form along with a detailed cover letter and supporting documentation by December 31, 2020. Please note, this form is also applicable to circumstances related to the COVID-19 crisis.

What Happens Next? 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. All decisions made by the Office of Student Financial Services are final and will be communicated to the student electronically. Not all appeals will result in a change to financial aid packages. Additionally, appeals for special circumstance only apply towards federal or institutional aid, and will not result in a change of state aid eligibility (i.e., TAP Grants, SUNY Tuition Credit, or the Excelsior Scholarship). While appeals processed by the Office of Student Financial Services do not determine your eligibility for NYS aid, please be aware that an increase in certain grants could impact any NYS Excelsior funding you may receive.

## Other options to assist with payment

## Veterans \& Military Financial Aid

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

1. The College Scorecard is a planning tool and resource to assist prospective students and their families as they evaluate options in selecting a school.
2. The 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 (formerly, Financial Aid Shopping Sheet) 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.
4. Paying for College can be used by prospective students to enter the names of up to three schools and receive detailed financial information on each one and to 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.

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 the Federal College Navigator website.

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 our student loan information link.

## Veteran Services Information

## 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 College 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 financial aid 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 financial aid 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 financial aid office staffing.
7) No officer or employee of SUNY New Paltz who works in the financial aid 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.

## Academic Policies

## Academic Appeals \& Appeal Procedure

The Committee on Academic Standing \& Appeals is composed of seven faculty and non-voting ex officio representatives from Advising \& Student Success and the Provost's Office. 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 (a) mechanical error, (b) discrimination, (c) a violation of published academic policy, (d) allegation of academic dishonesty, or (e) 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 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 judgement in cases presented to him or her through the above process. The Provost may consult with whoever 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 (i) compiling appropriate evidence materials (the course syllabus, assignment, and evidence of the academic
integrity violation) and (ii) 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 Dean of Students, 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 Dean of Students, 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 Dean of Students 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.

|  | Cumulative GPA <br> $\geq 2.0$ | Cumulative GPA <br> $1.0-1.99$ | Cumulative GPA <br> $<1.0$ |
| :--- | :--- | :--- | :--- |
| Semester GPA $\geq 2.0$ | 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 15 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 College 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 college.

All required documents for readmission must be received in the Office of Undergraduate Admission by these dates:

- Fall Semester - April 1*
- Spring Semester - November 1*

There is no summer readmission.
*The College reserves the right to alter due dates without prior notice.
For details about the readmission policy, please see Readmission to New Paltz.
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 College 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 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 college 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.

Details regarding this policy can be found at www.newpaltz.edu/ferpa.

## 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 College'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.

## Affirmative Action - Non-Discrimination/Anti-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.

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)

## 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 https://clep.collegeboard.org.

The acceptable scores for CLEP examinations change over time. The College'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 Composition test, which must be taken prior to enrollment as a regularly admitted student.

Visit https://clep.collegeboard.org/test-center-search to search for test centers. 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
https://www.sunydutchess.edu/academics/academicsupport/ast/placement_testing/
The following CLEP subject tests are acceptable at New Paltz.

| CLEP Subject Examination Title | Minimum Score | Corresponding Credit | Essay | Remarks |
| :---: | :---: | :---: | :---: | :---: |
| Biology |  |  |  |  |
| 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 |
| Business Administration |  |  |  |  |
| Principles of Management | 47 | 3 credits in BUS250 | not required |  |
| Intro. Business Law | 51 | 3 credits in BUS271 | not required |  |
| Chemistry |  |  |  |  |
| 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 |
| Economics |  |  |  |  |
| Principles of Microeconomics | 47 | 3 credits in ECO206 | not required |  |
| Principles of Macroeconomics | 48 | 3 credits in ECO207 | not required |  |
| English |  |  |  |  |
| College Composition | 60 | 3 credits in ENG160 | essay portion of the College Composition | See * below (CLEP notes for GE4 Basic Communication) |


|  |  |  | exam is required |  |
| :---: | :---: | :---: | :---: | :---: |
| Foreign Language |  |  |  |  |
| College-Level French | 59 | 3 credits in <br> FRN201 <br> (Intermediate <br> 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 <br> GER201 <br> (Intermediate <br> German 1) |  | Possibility of 3 additional credits in GER202 <br> (Intermediate German II) upon satisfactory interview at SUNY New Paltz |
| College-Level Spanish | 63 | 3 credits in SPA201 <br> (Intermediate Spanish I) |  | Possibility of 4 additional credits in SPA202 (Intermediate Spanish II) upon satisfactory interview at SUNY New Paltz |
| History |  |  |  |  |
| 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 |  |
| Mathematics |  |  |  |  |
| Calculus | 55 | 4 credits MAT251 |  | See + below (CLEP Note for Math) |
| College Algebra | 55 | 3 credits MAT152 |  | See + below (CLEP Note for Math) |
| Precalculus | 55 | 4 credits MAT181 |  | See + below (CLEP Note for Math) |
| Political Science |  |  |  |  |
| American Government | 47 | 4 credits in POL216 | not required |  |


| Psychology |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Introductory Psychology | 50 | 3 credits in PSY272 | not required |  |
| Human Growth and Development | 50 | 3 credits in PSY343 | not required |  |
| Sociology |  |  |  |  |
| Introductory Sociology | 50 | 3 credits SOC100 | not required |  |

* Notes for use of CLEP in meeting GE4 Basic Communication requirements:

1. 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.
2. 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 Composition I (ENG160). 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.
3. Composition I (ENG160) is the prerequisite for Writing \& Rhetoric (ENG170), New Paltz's GE4 Basic Communication course.

Students who matriculated prior to Fall 2019 follow GEIII. The following notes apply to use of CLEP to meet GEIII Composition requirements:

1. 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.
2. Composition I (ENG160) and Composition II (ENG180) are taken in a two-semester sequence upon matriculation to complete the General Education III Composition requirement. If, for any reason, the Composition courses are taken out of sequence, this does not provide exemption status for Composition I. Both courses cover specific writing techniques and skills and are not redundant syllabi.
3. Subject exam entitled College Composition, which includes a required essay, is the only acceptable exam. The CLEP General exams in English Composition are not acceptable.
4. If a student receives a score of 70 or above on the CLEP exam (the College Composition Exam only, NOT the Composition Modular Exam), the student may be exempt from Composition I.

+ 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 Permission of Instructor.

- 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 New Paltz college course as defined in the policies regarding the Advanced Placement Program, the International Baccalaureate Program and the College Level Examination Program. 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). The last 15 credits in residence portion of the requirement is waived for credit by exam.


## 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, or failing grades for that semester.

## 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 freshmen 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.") Note that students may not withdraw from INT175 Education of Underrepresented College Students and that special permission is required for students to withdraw from BLK175 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:

- Students go to my.newpaltz.edu, select "Registration" from the Resources list, then "Request a 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.
- After a course withdrawal request has been submitted, the instructor receives an email directing him/her to the course withdrawal link. The instructor reviews the request, provides the student's last date of attendance, and forwards the request to the student's advisor(s).
- Advisor(s) review the course withdrawal request and then forward it to Records \& Registration. (For Composition, EOP and SMP courses, an early review is incorporated into this process, consistent with College policy.)
- 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.

Students are responsible for printing a copy of their new course schedule to confirm the changes were made.

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 stops attending class without following the above procedures will receive a grade of " $F$ " in the course.

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. Requests for retroactive course withdrawals must be filed not later than one calendar year after
the end of the semester or summer/winter session in which the course was taken. This process requires approval of the academic Dean under whose jurisdiction the course is offered.

The College reserves the right to require any student who has accumulated the number of credits required for a degree ( 120 credits for most programs; up to 126 credits for others) to only take courses that are needed to graduate. Withdrawals from courses at this point will not be allowed.

## Emergency Cancellations and Delays

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 phones. For instructions, see below.

In a situation where there is inclement weather, but classes are in session and offices are open, individuals (commuting students and faculty/staff) must use their best judgment as to whether or not they feel comfortable traveling on the roadways. In these circumstances, it is up to the individual to decide whether or not to travel to class and (because it only rarely occurs) most professors are understanding of absences due to weather. The College asks that students and staff make an effort to notify professors/supervisors of their planned absence, and, for employees, their intention to use their leave credits as appropriate.

When the College makes the decision to delay or cancel classes due to severely inclement weather or other emergency situations, this does not apply to online classes.

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 Classes or Other Campus Activities

The decision to delay or cancel classes is a collaborative process that involves the Facilities Operations and Management Departments, the president, and the provost.

The decision to delay or cancel campus activities will be made 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 classes. For example, a decision will be made and announced by $12: 30$ p.m. for afternoon classes that begin at 2:00 p.m. and at 2:00 p.m. for those that begin at 3:30 p.m. or later. There are a number of 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 classes are delayed, all classes on the affected day that begin before the delayed opening time will be cancelled.

Campus events and activities will be held at the discretion of the organizers. However, in the event that classes are cancelled or delayed, this means facilities staff may not be able to keep up with snowfall or ice conditions to ensure roadways and sidewalks are safe. In the event of class cancellations, it is prudent for event organizers to cancel or postpone their events. It is the
responsibility of the event organizers to inform the campus community and off-campus participants about any cancellation or postponement.

During and after a significant snow storm, major arterial roads, walks and entrance ways, especially the ones that connect critical service areas such as University Police, the Health Center, the physical plant and food service, will have high priority for snow removal. Access to residence halls, academic buildings, dining halls are also usually given priority based on the type of storm and the time of day. 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 College 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 regarding this, please contact Human Resources at x3171. When the College cancels classes, please be aware that walkways, parking lots and buildings may not be accessible.

## Closing of Campus Buildings or Offices

State offices may be closed due to weather conditions only by order of the Governor. Because we are a state university, we follow 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. This would include 1) delayed office openings or 2 ) if the governor takes action to close our campus or, pursuant to contract provisions, if there is an approved early departure. The College must be mindful of the number of State-mandated contact hours necessary to earn academic credits.

## Excused Tardiness

The appointing authority may excuse tardiness without charge to credits when uncontrollable conditions affect the arrival time of a group of employees. There is no limit to the amount of tardiness an appointing authority may excuse; however, full-day absences are not to be excused without charge to credits. (Civil Service Time \& Attendance Manual)

However, an announcement that classes are cancelled or delayed does not mean that campus offices or buildings are closed. "Essential state employees" are expected to report to work and, unless there is an announcement that the governor has closed the campus, "non-essential" state employees may report to work or request approval to charge leave credits. Unless closed by the governor, offices should remain open for those employees who are able to report to work. Thus, supervisors are urged to take advance steps to develop procedures for employees, such as establishing a staff telephone notification procedure, to ensure proper communication between supervisors and staff.

Employees are designated as "essential" if they are employed in positions that must be staffed to preserve the public safety or welfare of the campus community. If you are uncertain about which
category of employee you are (essential or non-essential), contact your supervisor for clarification.

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.

* The NYS Policy on closing of state offices


## Energy use reduction

Periodically the campus participates in mandatory energy use reduction directives during summer months and must cut back on our air conditioning use. While Facilities Management staff will make every effort to rotate the cycling on and off of our chillers to keep the buildings as comfortable as possible, we recognize that some working spaces may become uncomfortable. We apologize for this inconvenience. In such circumstances, we wish to remind you that only the Governor can authorize an early departure from a state agency without charge to leave credits. Each individual employee must decide whether they wish to leave work early and must charge their leave credits if they do so. You can also help keep your working spaces cooler by closing blinds and turning off lights, where feasible. We would also ask that you close blinds and turn off lights and computers when you depart for the evening or the weekend.

## Procedure for Communicating Office Status to Students, Staff and Visitors during Inclement Weather

During inclement weather, the campus will often cancel classes, but offices remain open. This is because state agencies are not allowed to close without the governor's approval. However, at those times we also typically announce that non-essential staff may leave with supervisory approval (if they charge appropriate leave credits). It is common that many offices will be understaffed because all staff members in that unit have opted to go 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 BEFORE they venture out in inclement weather to an office that had to close.

If your office is closing, please follow these steps:

1. Each department head (or his/her designee) must report to their VP or Dean for approval in the decision to close their office and indicate the time it will close.
2. VP/Deans/Department Heads or designee should visit https://www.newpaltz.edu/officeclosings.
a. Click Submit/Update Office Closings and $\log$ in.
b. Select office to be updated.
c. Add date office will be closed.
(1) Optional notes can be added (i.e. Office of Student Affairs to close after 2 p.m.)
d. Click Submit.
e. Listing will disappear after applicable date.
3. When the Office of Communication \& Marketing announces the College is canceling classes via all-fs / all-stu messages, Communication \& Marketing will include in that email, and on the website home page, a link to a separate Web page (www.newpaltz.edu/officeclosings) where the status of department offices will be posted.

Below is a list of radio and television stations and online news outlets the College notifies with announcements regarding cancellations and delays. A message will also be recorded on the INFO line at (845) 257-INFO (4636) and posted on the College website.

NOTE: These outlets provide delay and cancellation announcements as a public service. The College is not responsible for incorrect information that may appear via media channels.

## The SUNY New Paltz website, NP Alert, the INFO line and all-fs and all-stu messages are the official communication for the College and supersede any other available public information.

| Radio - AM | Radio - FM <br> 92.1 WRNQ | Television | Online News Outlets |
| :--- | :--- | :--- | :--- |
|  | 92.7/96.9 WRRV |  |  |
|  | 92.9 WBPM |  |  |
|  | 93.3 WBWZ |  |  |
|  | 94.3 The Wolf |  |  |
|  | 95.7/98.3 WSUL |  |  |
| 60. WICC WPKF | 96.7 WTSX |  |  |
| 810 WGY | 97.3 WZAD |  | Paily Freeman |
| 1220 WGNY | 97.7 Mix |  | Times Herald-Record |
| 1260 WBNR | 99.3 WKI | WRNN-TV |  |
| 1370 WRWD | 100.1/106.5 WDST | WNBC |  |
| 1360 WNNJ | 100.7 WHUD | Spectrum |  |
| 1420 WLNA | 101.5/106.1 WPDH |  |  |
| 1450 WKIP | 102.1 WDNB |  |  |
| 1490 WDLC | 102.3 WSUS |  |  |
|  | 103.7 WNNJ |  |  |
|  | 104.7 WSPK |  |  |
|  | 105.3 WYCY |  |  |
|  | 106.3 WHCY MAX |  |  |
|  | 107.1 WXPK |  |  |
|  | 107.3 WRWD |  |  |

## 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......4.00 | C......2.00 |
| :--- | :--- |
| A-....3.67 | C-...1.67 |
| B+...3.33 | D+...1.33 |
| B.....3.00 | D.....1.00 |
| B-....2.67 | D-....0.67 |
| C+...2.33 | 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 $\times 3.33$ quality points)

## College Algebra

3 credits, $C-=5.01$ total quality points ( 3 credits $\times 1.67$ quality points)

## The Modern World

4 credits, $\mathrm{D}=4$ total quality points ( 4 credits $\times 1.00$ quality points)

## General Biology 1 (3-credit lecture + 1-credit lab)

4 credits, $\mathrm{A}=16$ total quality points ( 4 credits x 4.00 quality points)

## Piano 1

2 credits, $\mathrm{A}=8$ 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, 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 $\mathrm{s} / \mathrm{he}$ felt that doing so would result in a higher grade. If the student repeated the course and earned a $\mathrm{C}+$, for example, $\mathrm{s} / \mathrm{he}$ 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 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
Satisfactory/Unsatisfactory (S*/U*) Grading Option

## 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, $\mathrm{S}^{*} / \mathrm{U}^{*}, \mathrm{H}$, 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 $\mathrm{F}^{*}$, grades that do not carry "quality points" (S, $\mathrm{S}^{*} / \mathrm{U}^{*}, \mathrm{~W}, \mathrm{H}, \mathrm{R}$, or $\mathrm{I}^{* 1}$ ) 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 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 " $\mathrm{S}^{*}$ " or " $\mathrm{U}^{*}$ " will not replace the first grade in the cumulative GPA calculation. If the student subsequently elects to convert the $\mathrm{S}^{*} / \mathrm{U}^{*}$ 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.
${ }^{1}$ Permanent Incomplete $\left(I^{*}\right)$ is noted on a transcript only when a student is not registered for two consecutive semesters after the Incomplete has been awarded.

## Grade Reports \& Grade Changes

Grades are available to students through my.newpaltz.edu. Grades will not be available to any student who has an institutional hold on her or his record. Once a grade has been reported to the

Office of Records \& Registration, it may ordinarily be changed only if an error has been made in computation or recording. The instructor must submit a certification of such error in writing, approved by the department chair, to the Office of Records \& Registration within 30 days after the beginning of the next semester. No changes may be accepted after the 30-day period, except with written permission of the appropriate dean. When a question arises concerning a possible error in a grade reported by an instructor who is no longer a member of the faculty, the chair of the department and the academic dean concerned take joint responsibility for ascertaining the appropriate grade and authorizing any necessary changes. Students who think they have been graded incorrectly may follow the Academic Appeals process. Any correction to a student's academic 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 college 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

Students who are members of the College's Honors Program and fulfill its requirements for Honors graduation will have the phrase "Graduated with College Honors" noted on their transcripts. Some academic departments 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 midpoint 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.

Students who do not register for two consecutive semesters after the semester or summer session in which the Incomplete was granted will have the Incomplete converted into a permanent Incomplete during the mid-point of the second semester if the course is not completed or the instructor does not change the grade by that date. A 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 11/1/06; 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 Records \& Registration (WH 115), which will process the request. Students may be on leave for up to two consecutive semesters. Students who plan to take courses elsewhere during their leave must have their selections approved 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 College and will need to apply for readmission if they wish to return.

Please visit Records \& Registration's website for information on how to initiate and return from a leave of absence.

## 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) and do not submit a completed Leave of Absence or Withdrawal from the College form will receive grades of "F."

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 <br> total program credits | Minimum Proportion <br> of Liberal Arts Content | Minimum Number of <br> 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
- Foreign 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
o 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 Contract Majors and Liberal Studies under Special Major and Degree Programs, below.

## 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.)

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 ${ }^{1}$ and, for majors that lead to either a BA or a BS , the degree the student intends to pursue. ${ }^{2}$ 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.
${ }^{1}$ Students should be fully aware of any financial aid implications before designating a primary major.
${ }^{2}$ 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. 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 Admissions 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, diversity, and writing intensive requirements.
- The student must complete a minimum of 30 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 ${ }^{3}$ 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.
${ }^{3}$ 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 $\mathbf{S}^{*} / \mathbf{U}^{*}$ Grading Option with Major/Minor Courses

Courses that have been elected satisfactory/unsatisfactory ( $\mathrm{S}^{*} / \mathrm{U}^{*}$ ) 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 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.

## Online Identity Verification Policy

The policies and procedures below are designed to comply with the Higher Education Opportunity Act, specifically Public Law110-35, 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. 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 Blackboard, our course 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 College reserves the right to refuse the registration of a student not complying with this expectation.
(Policy change effective 11/1/06).
Students who have completed 120 credits will not be allowed to withdraw from a course without permission of the Dean of the college that houses the major.
(Policy change effective 9/11/06.)
Degree Time Limitation: Students matriculated in a bachelor's degree program at the College who fail to maintain enrollment for two (2) consecutive semesters are administratively withdrawn from the College 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
- Degree requirements
- General Education requirements

If the student has been separated for $\mathbf{3}$ years ( $\mathbf{6}$ 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 College. 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 $\mathbf{3}$ 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, Readmission, Withdrawal from the College and Academic Warning, Probation \& Dismissal.

## Readmission to New Paltz

Students matriculated for undergraduate degrees who have discontinued their attendance at the College 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 collegewide graduation 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 College. (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 College or a major.
- Students who have not attended the College 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*.
*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 College 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 1*
- Spring: November 1*

There is no summer readmission.
*The College reserves the right to alter due dates without prior notice.

## Important Information for Art, Art Education, Music and Theatre 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 to which the student has applied.
- Each application is evaluated according to the specific admission criteria in place at the time of application.
- All decisions are final.
- The Office of Undergraduate Admission will notify the student by email of the readmission decision.
- The readmission decision is only valid for the semester applied to. The decision cannot be deferred.


## Academic Consequences of Readmission

- Students in Good Academic Standing: A student who has been separated for $\mathbf{3}$ 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 College. 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 College, 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 College 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 student must apply for admission to the College 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. ${ }^{1}$

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 (Chapter 161, Section 224a) ${ }^{2}$, 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.
${ }^{1}$ 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.)
${ }^{2}$ Section 224-a, "Students unable because of religious beliefs to register or attend classes on certain days," states the following:

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.

6a. 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 ( $\mathbf{S}^{*} / \mathbf{U}^{*}$ ) Grading Option

Students may utilize the Satisfactory/Unsatisfactory ( $\mathrm{S}^{*} / \mathrm{U}^{*}$ ) 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. The course instructor is not informed that a course is being taken $\mathrm{S}^{*} / \mathrm{U}^{*}$ and will submit the letter grade earned by the student. Letter grades of $\mathrm{A}, \mathrm{A}-, \mathrm{B}+, \mathrm{B}, \mathrm{B}-, \mathrm{C}+, \mathrm{C}, \mathrm{C}-$ will convert to $\mathrm{S}^{*}$ (Satisfactory) while grades of $\mathrm{D}+$, D, D- and F will convert to $\mathrm{U}^{*}$ (Unsatisfactory). S* grades count toward graduation; $\mathrm{U}^{*}$ 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 College record. Such a request will be honored if made within one calendar year after the semester in which the student earned the $\mathrm{S}^{*}$ or $\mathrm{U}^{*}$, 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 $\mathrm{S}^{*} / \mathrm{U}^{*}$ 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 $\mathrm{S}^{*} / \mathrm{U}^{*}$ 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 $\mathrm{U}^{*}$ be changed to a regular letter grade.
- The $S^{*} / \mathrm{U}^{*}$ option is not available for the following courses: Composition I (ENG160) or Writing and Rhetoric (ENG170) or the 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 deadline for choosing $S^{*} / U^{*}$ is one week after the course withdrawal deadline. Refer to the Academic Calendar for the exact date each semester.


## 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

A student's semester workload is the combined total of the academic credits and registration units for which he/she is registered. The abbreviation "CR" in the Schedule of Classes and the transcript designate courses that generate academic credit. Registration units are earned in developmental/remedial courses, which do not grant credit or apply toward the degree. Such courses are designated "RU" in the Schedule of Classes and on the internal transcript.

Students must carry a semester workload of 12 credits/registration units to maintain full-time status. The Offices of Financial Aid, 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 twelve credits should consult with the appropriate offices about the impact of that action on their status. Fifteen credits is the average workload needed to graduate in a timely fashion. During the summer, students may register for up to two courses (8 credits maximum) during each session. A third course may be added to the summer registration providing it is an online course.

## Special Major and Degree Programs: Contract major, Liberal Studies major

Contract major: 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 designated as the student's primary advisor.

Contract majors consist of at least 30 credits, of which at least 24 are upper-division (300/400level) 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 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:

- a completed "Declaration of Major/Contract Plan" form, which can be obtained from an advisor or the appropriate dean;
- 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 major: 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 College makes available to students or prospective students information about instructional programs, costs of attending the institution, financial assistance available to students, refund policy, qualifications of faculty, graduation rates and placement of graduates. The Division for Enrollment Management is available to assist students or prospective students in obtaining information specified in the Regulations of the Commissioner of Education, Chapter 2, Sections 53.1-3.4.

## 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.
- 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.


## "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 the SUNY General Education Requirement (GER) 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.
- Transfer of credit for SUNY-GER 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 $\mathbf{C}$ - 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-GER 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.

Transfer students with questions about how their credits are applied or who wish to petition for transfer credits to count toward General Education or major/minor requirements, may consult the Office of Academic Advising. Information about transfer credit equivalencies is available from the Office of Undergraduate Admission.

Transferring from outside SUNY: All courses with a grade of C- or better are eligible for transfer; however, each academic department reserves the right to determine the transferability of coursework that relates to a student's major.

## Submitting transcripts and score reports for transfer credit

Students are responsible for requesting transcripts and scores; these documents are not automatically sent from the prior school or testing center. (Note the submission deadline indicated below.) Students are also responsible for monitoring their records to see that credits have been received.

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. Pre-matriculation transfer credits and/or course waivers may not be accepted beyond this date.

In addition, students who transfer New Paltz courses back to their community college to earn an A.A. or A.S. degree are not eligible to have the number of GE waivers changed.

## Transfer credits post-matriculation

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).

## Post-matriculation registration

The student should consult with an academic advisor prior to registering for a course at a nonSUNY college.

The following policies apply:

- The student must have a minimum New Paltz GPA of 2.0.
- The transfer institution must be accredited.
- The last 15 credits must be taken in residence. If there are compelling reasons to take some of the final 15 credits at another institution, a request for a waiver should be made to the Dean of the student's major college. The approving Dean must send a waiver via plan amendment workflow to the Office of Records \& Registration.
- Post-matriculated credits may apply to the overall 120-credit graduation requirement. A grade of C - or better must be earned in the course to receive credit. The grade will not transfer and will have no impact on the New Paltz GPA but will be factored in for
determining Latin Honors. (Please note: Effective May 2020, Latin Honors will calculated using the New Paltz GPA only.)
- The student is responsible for submitting completed international transfer credits for evaluation. A member organization accessed through the National Association of Credential Evaluation Services (NACES) must conduct the evaluation, unless the credits were taken through the Center for International Programs or affiliated SUNY campuses.

The student is responsible for having the official transcript sent to Records \& Registration when the course(s) is(are) completed.

Permission to take courses to meet general degree requirements (total credits, general education courses, upper-division and liberal arts credits) is given by the Office of Academic Advising. Upper-division students are generally expected to take upper-division courses. In addition, students who wish to take courses to meet general degree requirements in professional programs such as business, communication disorders, education, and engineering must receive approval from the Dean of the appropriate school. Permission to take courses in the major (including prerequisite and cognate courses for the major) must be approved by the appropriate department chair.

## Cross registration

As noted above, cross registration must be approved by the Office of Records \& Registration by the start date of classes at New Paltz.

The following policies apply:

- The student must have a minimum New Paltz GPA of 2.0.
- The student must be concurrently registered at New Paltz for fall and spring semesters.
- The combined credits for home and host institutions (i.e., for New Paltz and the campus at which the student is cross registered) must adhere to maximum credits allowable by registration policy.
- The student may request cross registration for a maximum of 6 credits at host institution(s).
- If the student drops or withdraws from all New Paltz enrollment during the cross registered semester, the host campus may bill the student for tuition.
- The cross registered course must align with the disciplines currently taught at New Paltz and be required for the New Paltz degree.
- Permission to cross register should not be granted during the academic year if space in a suitable course, free of scheduling conflicts, is available at New Paltz.
- The last 15 credits must be taken in residence. If there are compelling reasons to take some of the final 15 credits at another institution, a request for a waiver should be made to the Dean of the student's major college. The approving Dean must send a waiver via plan amendment workflow to the Office of Records \& Registration.
- Cross registered credits may apply to the overall 120 -credit graduation requirement. A grade of C - or better must be earned in the course to receive credit. The grade will not transfer and will have no impact on the New Paltz GPA but will be factored in for
determining Latin honors. (Please note: Effective May 2020, Latin Honors will calculated using the New Paltz GPA only.)


## Transfer Credit Equivalencies

The SUNY New Paltz Transfer Course Equivalency database has been designed to show you how credit from other colleges will transfer to SUNY New Paltz. Each semester SUNY New Paltz awards transfer credits to students from over 600 colleges and universities in the United States.

Should a student feel a particular course has not transferred properly, we encourage the student to contact the Office of Undergraduate Admission. Students requesting an appeal should be prepared to provide additional information (including course descriptions and/or syllabi) to assist in reevaluating the course.

## 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 nonmatriculated 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 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 deregistration.
- 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 College

Withdrawal from the College reflects a student's intent to sever all affiliations with the College and to terminate matriculation. Students must file a Withdrawal from the College form with the Office of Records \& Registration (WH 115), which will process the request. Students who are withdrawn from the College are blocked from taking any courses at New Paltz and must apply for readmission should they subsequently decide to return.

Withdrawal from the College differs from a Leave of Absence, 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 College.

## Additional information about Withdrawal and Leave of Absence

If a student requests a withdrawal or leave of absence from the College before the end of the second week of classes, the student will be deregistered without transcript notation. If the college 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) and do not submit a completed Withdrawal from the College or Leave of Absence form will receive grades of "F."

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.

## Degree Requirements

Following are the college-wide degree requirements for undergraduate students who matriculate at New Paltz in Fall 2019 and after. Please note:

- Only those students who have been formally admitted to the College through the general admission process are considered to be degree candidates.
- No student may graduate under college-wide 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*

## A minimum number of Liberal Arts credits

The difference between degree types is the minimum number of credits completed in liberal arts courses:

- 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 the College are liberal arts courses and are designated as such in 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

Any course at the 300 or 400 level (e.g., ECO303) 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, including the final 15 credits

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 College;
- SUNY New Paltz courses offered at locations other than the main campus;
- New Paltz courses offered online.

Credits that do not count toward the College'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, "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).

## A Diversity (DIVR) 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.

## 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.
*Notes for readmitted students:

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


## General Education Requirements

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. New Paltz's diverse GE course offerings develop students' capacity for lifetime learning and adaptability in a rapidly changing world.

In Fall 2019, New Paltz introduced its revised General Education program, known as GE4. Students who matriculate in Fall 2019 or after will meet the new GE4 requirements.

Students who matriculated at New Paltz prior to Fall 2019 will complete the requirements under which they entered the College, known as GE3 (GE III).

## General Education 4 (GE4)

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 - develops skills in basic communication, mathematics, and foreign language.

- 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 - introduces art, the humanities, and the natural and social sciences and the different "ways of knowing" that these disciplines represent.

- The Arts (one course)
- Humanities (one course)
- Natural Sciences (one lab science course or two non-lab science courses)
- Social Sciences (one course)

Category III: Regions of the World - explores questions about identity and encourages students to become informed, engaged, and thoughtful citizens of the world.

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


## GE4 and the SUNY General Education Requirements

New Paltz GE4 requirements -

## SUNY system-wide GE requirements

| GE Category | Requirement |
| :--- | :--- |
| Mathematics | 1 course |

Basic Communication 1 course

* Natural Sciences 1 course
* Social Science 1 course
* American History 1 course
for students who matriculate Fall 2019 and after

| GE Category | Requirement |
| :--- | :--- |
| Mathematics | 1 course |
|  | 1 course |

Basic Communication
(ENG170 Writing \&
Rhetoric - prerequisite:
ENG160 Composition
I or by placement)
1 4-credit science
lecture/laboratory course or
1 3-credit science
lecture course + 11 credit science lab course or
2 3-credit science courses (non-lab)
Social Science $\quad 1$ course
United States Studies 1 course

| * Western Civilization | 1 course | Western Civilization | 1 course |
| :---: | :---: | :---: | :---: |
| * Other World Civilizations | 1 course | World Civilizations \& Cultures | 1 course |
| * Humanities | 1 course | Humanities | 1 course |
| * The Arts | 1 course | The Arts | 1 course <br> (min. 3 credits) |
| * Foreign Language | 1 course | Foreign Language | 2 consecutive elementary courses or 1 elementary and 1 intermediate course in a single language, or 1 intermediate course (requirement depends on language placement level) |
| * Students must demonstra skills in five of these eight | strate knowledge and ht categories. | Students must complete at least one course in each of the ten General Education categories listed above. |  |
| Minimum total credits | $=30$ | Minimum total credits $=32$ |  |
| Students must also dem Critical Thinking and In Management. | onstrate competency in formation | Each major is designed to support students' progressive development of competency in Critical Thinking and Information Management. |  |

## General Education III (GE3)

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 emphasizes four areas of knowledge that characterize a broadly educated person, and it encompasses the State University of New York's system-wide general education requirements. 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.

GE III provides both discipline-based and interdisciplinary opportunities for advancing knowledge, balancing learning experiences in these broad areas:

Arts \& Humanities: Appreciation for artistic, literary and philosophical endeavors

- Composition (one or two courses, depending on placement)
- Humanities (one course)
- The Arts (one course)


## Scientific Investigations: Knowledge of the natural and social sciences as well as mathematical ideas and models

- Mathematics (one course, depending on placement)
- Natural Sciences (two courses)
- Social Sciences (one course)

The United States \& its Traditions: Knowledge of political, economic and social process in the US, the influence of Western tradition and the multicultural heritages that influence the US

- United States Studies (one course)
- Western Civilization (one course)
- Diversity (one course)

Global Perspectives: Understanding of the wide range of World Civilizations and cultures and appreciation for cultural and individual differences

- World Civilizations \& Cultures (one course)
- Foreign Language (one or two courses, depending on placement)

GEIII and the SUNY General Education Requirements

| SUNY system-wide GE requirements |  | New Paltz GE III requirements |  |
| :---: | :---: | :---: | :---: |
| Category | Requirement | Category | Requirement |
| Basic Communication | 1 course | Composition II (prerequisite: Composition I) | 1 course |
| Mathematics | 1 course | Mathematics | 1 course |
| * Natural Science | 1 course | Natural Sciences | 2 courses** |
| * Social Science | 1 course | Social Sciences | 1 course |
| * American History | 1 course | United States Studies | 1 course |
| * Western Civilization | 1 course | Western Civilization | 1 course |
| * Other World Civilizations | 1 course | World Civilizations \& Cultures | 1 course |
| * Humanities | 1 course | Humanities | 1 course |
| * The Arts | 1 course | Arts | 1 course |
| * Foreign Languages | 1 course | Foreign Language | 1 or 2 courses (depending |


|  |  | on placement level)** |
| :---: | :---: | :---: |
| * Students must demonstrate knowledge and skills in five of these eight categories. | Diversity | 1 course** |
|  | ** indicates a New Paltz requirement that exceeds the minimum SUNY system-wide general education requirements |  |
| Minimum total credits $=\mathbf{3 0}$ | Minimum total credits $=36$ |  |

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

## GEIII Transfer Waivers (discontinued Fall 2019)

Students who entered New Paltz as freshman and matriculated under General Education III (GE3) must complete at least one course in each General Education category. Transfer students, however, may be eligible to waive some or all GE3 requirements, based upon evaluation of their transfer credits and receipt of their final transcript.

Students transferring to New Paltz with a SUNY associate degree (AA or AS) are required to meet only the SUNY General Education Requirement (SUNY GER); all additional requirements associated with New Paltz's General Education program are considered met by degree. Upon receipt of the final transcript showing the degree award, all GE3 requirements that exceed the SUNY GER will be waived.

Students transferring to New Paltz without a SUNY associate degree will, upon receipt of the final transcript(s), receive credit for GE categories successfully completed and may receive up to three GE waivers based on the number of credits transferred to New Paltz:

45 credits transferred = one GE waiver
60 credits transferred $=$ two GE waivers
75 credits transferred $=$ three GE waivers
GE waivers may be applied to the second GE3 Foreign Language course, the second GE3 Natural Science course, and/or the GE3 Diversity course. Waivers will be applied on the student's progress report as transcripts are received and the number of transfer credits earned is confirmed. For more details, discuss transfer waivers with an advisor.

Please note: The transfer waivers described above were discontinued as of Fall 2019 and do not apply to students who matriculate under GE4.

Students who transfer to New Paltz with a SUNY associate degree (AA or AS) will continue to be admitted with General Education requirements fulfilled.

## Students Who Follow a Modified General Education Program (GE III and GE4)

- Students with Written and Oral Proficiency in a Language Other Than English: The policy at New Paltz is to allow a waiver of the 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 Languages, Literatures \& Cultures Department.
- Students Majoring in Engineering: Engineering students must meet a modified General Education requirement. For details, please refer to the plans of study for our Computer Engineering, Electrical Engineering and Mechanical Engineering programs.


## General Education and SUNY "Seamless Transfer"

Please refer to Academic Policies \& Procedures: Transfer Credits, above.

## Center for Student Success

Phone: (845) 257-3580; Email: CSS@ newpaltz.edu
Location: Old Main Building, Room B 106
Web address: 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 and the management of the College's Academic Success Referral System, Starfish Early Alert.

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

## Writers' Studio

SUNY New Paltz students from any major can sign up for a free, 30-minute, one-on-one session with a peer writing consultant. Peer writing consultants are fellow SUNY NP students who are trained to help you identify your strengths and work toward goals for your academic writing assignments. Regular sessions at the Writers' Studio can go a long way toward helping you develop the confidence and skills necessary to be an effective communicator in college and beyond.

## What can I work on in a Writers' Studio session?

Any academic writing assignment, at any stage of the writing process. Peer writing consultants help you work toward one or two goals for your assignment while developing writing strategies you will be able to repeat on your own.

## The Writers' Studio is not:

- A drop-off or editing service: We collaborate with you to help you become a better writer. We do not proofread, correct grammar, or "quickly look over" papers.
- A place for emergencies: We focus on building writing skills over time. To get the most out of your sessions, be proactive and come in well before the day your paper is due.
- Qualified to provide assistance with job/internship cover letters, or scholarship/ graduate school essays. Please visit the Career Resource Center for this service.


## English Language Learners and ESL Students

The Center for Student Success offers specialized writing support to students who are non-native English speakers. Through individualized, one-on-one support with our Graduate Assistant, Kyle, students can focus on improvement in their writing strategies.

To meet with our Graduate Assistant, make an appointment on my.newpaltz under Center for Student Success- Writers' Studio for English Language Learners and ESL Students.

## Peer Advising

The Peer Advisor Program helps support student success at New Paltz. Peer Advisors help build academic skills, identify effective study strategies, navigate academic policy, and utilize campus resources.

## Peer Advising: When and Where You Need It

In order to support you in the best way possible, Peer Advisors are available to meet for drop-in visits or for scheduled appointments.

For quick questions, Peer Advisors are available for drop-in visits in Wooster Hall and in Residence Halls (Awosting, Gage, Mohonk, Scudder, and Bouton). Peer Advisors are also available to meet one-on-one, by appointment at the Center for Student Success.

## Tutoring Services

The multidisciplinary tutoring program supports the Center's mission by helping SUNY New Paltz students develop tools for increased academic independence. The peer subject tutoring program offers support for historically challenging, foundational, and gatekeeper courses. Through small groups and interactive learning, students are encouraged to be responsible and engaged with a primary aim of developing effective strategies to support the learning process both within a course and beyond the tutoring session.

## Drop-In Language Tutoring

For beginner and intermediate (101, 102, 201, and 202) Spanish, French, and Italian, the Center for Student Success provides drop-in tutoring. In addition to our course-specific appointments, students can come to the Center during designated times to meet with an available tutor without making an appointment.

## Fall 2020 Tutoring Coverage:

BIO201: Gen Bio 1
BIO320: Genetics
BUS201: Financial Accounting
BUS309: Stats for Bus and Econ 1
CHE201: Gen Chem 1
CHE318: Organic Chem 1

CPS210: Comp Sci 1 Foundations
ECO206: Microeconomics
ECO207: Macroeconomics
FRN101: Elementary French 1
FRN102: Elementary French 2
FRN201: Intermediate French 1

FRN202: Intermediate French 2
ITA101: Elementary Italian 1
ITA102: Elementary Italian 2
ITA201: Intermediate Italian 1
MAT120: College Math
MAT121: College Math w/SAW
MAT140: Math for Elem Teach 1
MAT152: College Algebra
MAT181: Precalculus
MAT241: Intro to Stats

MAT251: Calc 1
MAT252: Calc 2
MAT260: Intro to Proof
PHY201: Gen Physics 1
PSY272: Intro Psych
PSY275: Psych Stats
SPA101: Elementary Spanish 1
SPA102: Elementary Spanish 2
SPA201: Intermediate Spanish 1
SPA202: Intermediate Spanish 2

## STAR-NY Online Tutoring

This program provides free online tutoring for enrolled SUNY New Paltz students in various subjects.

## What You Need to Know

- Online Tutoring is free.
- Online tutoring is part of shared services consortium with 26 other SUNY colleges.
- Each participating SUNY, including SUNY New Paltz, identifies trained and qualified tutors to provide online tutoring.
- The following core subjects are specific to SUNY New Paltz students:
- Math - Pre-Algebra, Algebra, Pre-Calculus, Calc I, \& Intro to Statistics
- Chemistry - Introductory, General
- Organic Chemistry- Sunday, Tuesday Only
- Biology - Introductory \& Anatomy \& Physiology
- Physics - Introductory
- Accounting -Any course below the 400 level
- Computer Science - Introductory
- Economics - Introductory, Micro, \& Macro
- Psychology- Introductory
- Writing - Any course through Masters level (except foreign languages)


## Hours and Availability

How to Access STAR-NY Online Tutoring: Go to http://www.starny.org/tutoring_schedule.

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

Phone: (845) 257-3595; E-mail: esl@ newpaltz.edu
Location: van den Berg Learning Center, Annex 203C
Web Address: www.newpaltz.edu/es1
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 four levels of instruction during the academic year and three levels in the summer.
- We assess English language proficiency and place students according to level in a fulltime 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, helping them transition into their undergraduate or graduate degreegranting program.

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

The ESL Pathway program has four levels of instruction: the first three are full-time intensive Elementary, Intermediate and Advanced. The fourth level is the Pathway Level in which students take a combination of Academic Purposes English and an academic class. The Pathway level is credit-bearing in and counts toward the student's degree program.

Students work on all skills - reading and writing, listening and speaking, pronunciation, vocabulary development, and general conversational ability. Any student who has not yet become fluent in English language skills (both speaking and writing) will find the courses very useful.

In addition, our program provides academic preparation for the U.S. classroom. Students learn how to write research papers, how to use library resources, and how to avoid plagiarism.

Special topic courses include Undergraduate Preparation, Business English, TOEFL preparation, Cross Cultural Interactions, and Community Interactions. For more information on the courses and program, please see other links on our web page.

The Haggerty English Language Program is a proud member of both UCIEP (University and College Intensive English Programs) and EnglishUSA (American Association of Intensive English Programs), both of which recognized the HELP for its high professional standards and quality English language instruction.

## What additional activities are offered that introduce ESL students to American culture?

The Haggerty English Language Program organizes trips for our ESL students to New York City, Boston, and Washington, DC. In addition to excursions to local points of historical and cultural interest. In addition, many language-based activities are offered, such as our Conversation Partner program, a Games and Speech Club as well as informal Conversation Table lunches.

## Admission

## What are the application requirements?

1. Complete an application available online: How to Apply
2. $\$ 100$ application fee (payable with credit card online with application)
3. Required documentation includes the following:

- A high school diploma
- The financial support documents (these records must show that you have the funding to pay for your studies in the US. This is required by the US government, and you will need similar records to take to the Embassy when you apply for a student visa, so please be sure to make extra copies of your original documents.)
- A copy of the identification page of your passport (with your name and picture shown)
(All required documentation may be scanned and sent to esl@newpaltz.edu.)

Can I be admitted to a degree program without the necessary English proficiency required?
Yes. Conditional admission is possible for degree programs. You can get accepted to the University program, and then enter and be tested for language proficiency upon arrival. Your score on our tests will determine if you take all university courses, some university and some English, or all English.

## Is a TOEFL score required to be admitted to the Haggerty English Language Program?

No. You will be tested upon arrival to determine your placement.

## Can I attend HELP part-time?

Students in F-1 and J-1 visa status must be enrolled as full-time students to maintain visa status. If you are on another visa you may have the option of part-time study.

## Cost

## Is Financial Aid available?

Scholarships and other financial aid is not available for intensive English study. All F-1 student applicants must document that they have all funding needed to cover living and school expenses before being accepted.

For more information, please email us at esl@newpaltz.edu or call us at 845-257-3595.

## Course Descriptions

ESL011 through ESL036 are language preparatory courses in HELP's Intensive English Program (IEP). ESL141 through ESL144 are "Academic Purposes" courses that comprise a highly specialized language-specific course of study which concentrates on providing the necessary academic skills, information and knowledge to succeed in the U.S. classroom.

ESL011 ESL Elementary Grammar (4; may be repeated for credit)
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 be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ESL012 ESL Elementary Reading and Writing (6; may be repeated for credit)
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 be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ESL013 ESL Elementary Listening and Speaking (6; may be repeated for credit)
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 be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ESL014 ESL Elementary ESL Topics (3; may be repeated for credit)
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 be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ESL021 ESL Intermediate Grammar (4; may be repeated for credit)
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 be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ESL022 ESL Intermediate Reading and Writing (6; may be repeated for credit)
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 be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ESL023 ESL Intermediate Listening and Speaking (6; may be repeated for credit) 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 be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ESL024 ESL Intermediate Current Events (1-3; may be repeated for credit)
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 be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ESL031 ESL Advanced Grammar (4; may be repeated for credit)
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 be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ESL032 ESL Advanced Reading and Writing (6; may be repeated for credit)
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 be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ESL033 ESL Advanced Listening and Speaking (4; may be repeated for credit) 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 be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ESL034 ESL Advanced Current Events (1-3; may be repeated for credit)
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 be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ESL036 ESL Orient Col Life USA (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ESL050 ISB-SP Business Certificate (0; may be repeated)
Institute for International Business with International Business School of Sao Paolo Business Certificate.

Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
ESL093 ESL Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ESL141 ESL Grammar for Academic Purposes (4; may be repeated for credit) This course will concentrate on identification and analysis of grammar in undergraduate level texts and lectures. Students will be able to demonstrate competence in the use of academic level grammar structures.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute

ESL142 ESL Reading/Writing for Academic Purposes (6; may be repeated for credit) This course prepares students for college level writing requirements. It will do so by building on the writing skills developed in Advanced Reading and Writing as well as exposing students to more academic reading material. Students will write 4 essays for class as well as 2 exam essays in addition to daily writing prompts. In this way, they become accustomed to the process of writing and they become more aware of their weaknesses and strengths. Students will also be reading academic level texts to practice understanding, analyzing, and synthesizing their ideas.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute

ESL143 ESL Listening/Speaking for Academic Purposes (4; may be repeated for credit) This class will prepare students to communicate in English in an academic setting. Students will develop the confidence and skills necessary to understand and discuss university lectures and informative news broadcasts, think analytically and critically in English, express and defend your personal opinion, take efficient notes and discuss academic subjects. This class will also prepare students to give formal speeches in an English academic setting.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute

ESL144 Business English (3; may be repeated for credit)
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 be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute

## ESL193 ESL Selected Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: ESL; Must be enrolled in the following college: Haggerty Institute; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## Honors Program

Phone: 845-257-3933
Location: Honors Center, College Hall
Web address: http://www.newpaltz.edu/honors/
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.

Once admitted to the Honors Program, students must maintain a GPA of 3.5 in order to remain in the Program and graduate with honors. If admitted as freshmen, Honors students take a twosemester Common Course and complete the following basic program requirements:

1. Four interdisciplinary seminars: Honors seminars emphasize dialogue and non-lecturebased learning, and most fulfill General Education requirements. Honors-designated courses in the student's major may be substituted for up to two of these seminars.
2. 40 hours (minimum) of community service: This requirement can be completed on campus, at home over the summer, or even in the Honors Center.
3. Senior Thesis/Project: The specific type of project may vary, depending on the student's major or area of special interest. Students will present their senior theses in a public forum prior to graduation.

Participation in the Honors Program enhances students' abilities to think critically, communicate effectively, and adapt knowledge and skills to new settings and questions. The Program produces well-rounded leaders with a sense of civic responsibility, knowledge, and the skills needed to make a difference in their communities.

## Honors Model Plan (effective for entering freshmen)

Honors students who enter as freshmen are required to take two introductory common courses. Students entering the program later are not required to take the common courses and may be allowed to skip one or more courses at the discretion of the Director.

The thesis, project, or capstone experience will span both terms in the senior year. The first term will focus on planning under the direction of a faculty supervisor in the major (or an appropriate faculty supervisor chosen by the student and approved by the Director of the Honors Program for an interdisciplinary project). The second term will be devoted to execution of the proposed project (ideally under the same supervisor). Each student will be enrolled in Honors Independent Study for two semesters. In consultation with the faculty supervisor and an additional reader, the student will develop a schedule of work to be completed over two semesters. The project process will be supervised by the faculty mentors. The student and faculty mentors will meet on an ongoing basis to collaborate on the project.

| Year 1 | Common Course (3 credits) | Common Course (3 credits) |
| :--- | :--- | :--- |
| Year 2 | Department/Program Honors Course <br> or <br> Interdisciplinary Seminar (3-4 credits) | Department/Program Honors Course <br> or <br> Interdisciplinary Seminar (3-4 credits) |
| Year 3 | Department/Program Honors Course <br> or <br> Interdisciplinary Seminar (3-4 credits) | Department/Program Honors Course <br> or <br> Interdisciplinary Seminar (3-4 credits) |
| Year 4 | Honors Project, Part I (1-3 credits) | Honors Project, Part II (1-3 credits) |

Total credits: 20-28

## Course Descriptions

HON201 The Individual and Society (3 - may be repeated for credit)
Investigates the relationship between the individual and society through discussion of the philosophic, literary, and historical aspects of major texts.

Attributes: Liberal Arts; GE4: Humanities, GE3: HUM, Effective Expression/Oral, Effective Expression/Written

## HON202 Work (3)

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: Liberal Arts; Diversity; GE3: DIVR, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following cohort: Honors Program

## HON203 What Causes Cancer? (3)

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: Liberal Arts; GE4: Natural Science course, GE3: NSCI, Information Literacy
Restrictions: Must be enrolled in the following level: Undergraduate
HON293 Selected Topics Honors (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts

HON295 Honors Indep Study (1-12; may be repeated for credit)
No description is available for this course.
Attributes: Liberal Arts

## HON303 Education and Poverty (3)

This course offers an interdisciplinary exploration of poverty -- its causes, consequences, representation in public discourse, and complicated relationship to schooling.
Attributes: Liberal Arts; Diversity; GE3: DIVR, Effective Expression/Oral, Effective Expression/Written Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

HON308 Graphic Literature and The Visual Imagination (3; may be repeated for credit)) Explores the recent evolution of "graphic literature," texts in which visual images and words converge, including comic books, commix, graphic novels, and illustrated memoirs.

Attributes: Liberal Arts; GE4: The Arts, GE3: ART, Effective Expression/Aesthetic, Effective Expression/Oral

## HON309 20 ${ }^{\text {th }}$-Century Work and Image (3)

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: Liberal Arts; GE4: Humanities, GE3: HUM, Effective Expression/Oral, Effective Expression/Written

## HON315 Modern Self and Society (3)

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: Liberal Arts; GE4: Humanities, GE3: HUM, Effective Expression/Written

## HON316 Debates in U.S. History (3)

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: Liberal Arts; GE4: United States Studies, GE3: USST, Ethical Reflection
Restrictions: Must be enrolled in the following level: Undergraduate

## HON317 Modern Western Aesthetic Theory (3)

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: Liberal Arts; GE4: Humanities, GE3: HUM, Effective Expression/Written

## HON318 Racism and the Social Sciences (3)

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: Liberal Arts; Diversity; GE3: DIVR, Effective Expression/Written
Restrictions: May not be enrolled in the following class: Freshman

## HON323 West African History and Perspectives (3)

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: Liberal Arts; GE4: World Civilizations, GE3: WRLD, Effective Expression/Written

## HON325 Origins of "Evil Incarnate: The Grim Adventure" (3)

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: Liberal Arts; GE4: Western Civilization, GE3: WEST, Effective Expression/Written
Restrictions: May not be enrolled in the following class: Freshman

## HON340 Love and Humanity (3)

Significant issues related to love will be studied and discussed. Readings will include works of philosophy and literature from diverse historical periods and cultural backgrounds.

Attributes: Liberal Arts; GE4: Humanities, GE3: HUM
Restrictions: May not be enrolled in the following class: Freshman

## HON371 Education Across Borders (3)

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: Liberal Arts, GE4: World Civilizations, GE3: WRLD, Effective Expression/Written; Writing Intensive Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## HON372 U. S. Drug Education and Policy (3)

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: Liberal Arts; GE4: United States Studies, GE3: USST, Effective Expression/Written
Restrictions: May not be enrolled in the following class: Freshman

## HON374 The Materials of History, Thought, and Art (3)

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: Liberal Arts; GE4: Western Civilization, GE3: WEST, Information Literacy, Systematic Inquiry Restrictions: Must be enrolled in the following level: Undergraduate; May 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 ENG002 Minimum Grade of TD-

## HON375 Doing Race \& Gender (3)

Using feminist and racial-ethnic theories we will analyze how gender, race, and class oppression shape the experiences of women and how we, as agents of social change, can translate these theoretical insights into methodological strategies.
Attributes: Liberal Arts; Diversity; GE3: DIVR, Effective Expression/Written
Restrictions: May not be enrolled in the following class: Freshman

## HON376 Indigenous Ways of Knowing (3)

Discussions and texts will introduce students to indigenous perspectives on contemporary social issues, global indigenous knowledge systems, and indigenous critiques of Western thought.

Attributes: Liberal Arts; GE4: World Civilizations, GE3: WRLD, Effective Expression/Written, Ethical Reflection Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HON377 Cigarettes \& Nylons: Postwar Realities in Occupied Germany after World War II (3)

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: Liberal Arts; GE4: Humanities, GE3: HUM, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

HON393 Selected Topics Honors (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Attributes: Liberal Arts

HON399 Honors Modular (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

HON494 Fieldwork in Honors (1-12; may be repeated for credit)
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
HON495 Honors Program Ind Study (1-12; may be repeated for credit)
No description is available for this course.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/
Unsatisfactory grade option for this course

## Academic Programs: Majors \& Minors

Majors
Accounting
Adolescence Education
Anthropology
Art Education: See Visual Arts Education
Art History
Asian Studies
Astronomy
Biochemistry
Biology
Black Studies
Business Analytics
Ceramics
Chemistry
Communication Studies
Communication Disorders
Computer Engineering
Computer Science
Digital Media Production
Digital Media Programming \& Management
Early Childhood \& Childhood Education
Early Childhood Studies - NEW (non-
certification program)
Economics
Electrical Engineering
English
Environmental Geochemical Science
Finance
French
General Business
Geography
Geology
Graphic Design

## Minors

Ancient World Studies
Anthropology
Applied Mathematics
Art History
Art Studio
Asian Studies
Astronomy
Biology
Black Studies
Business
Business Analytics - NEW
Chemistry
Communication Studies
Computer Science
Creative Writing
Deaf Studies
Digital Design \& Fabrication
Disaster Studies
Economics
Electrical/Computer Engineering
English
Environmental Geochemical Science
Environmental Studies
Evolutionary Studies
Film \& Video Studies
French
Geography
Geology
German
History
Industrial \& Organizational Psychology
International Relations

History
International Business
International Relations
Journalism
Latin American \& Caribbean Studies
Management
Marketing
Mathematics
Mechanical Engineering
Metal
Music
Painting
Philosophy
Photography
Physics
Political Science
Printmaking
Psychology
Sculpture
Sociology
Spanish
Theatre Arts
Visual Arts
Visual Arts Education
Women's, Gender, \& Sexuality Studies

## Interdisciplinary

Asian Studies
Environmental Geochemical Science
International Relations
Latin American \& Caribbean Studies
Women's, Gender, \& Sexuality Studies

Italian Studies
Jewish Studies
Journalism
Latin American \& Caribbean Studies
Law \& Politics
Linguistics
Mathematics
Medieval \& Early Modern Studies
Music
Native American Studies
Philosophy
Physics
Political Science
Psychology
Religious Studies
Sociology
Spanish
Theatre Arts
Women's, Gender, \& Sexuality Studies

## Interdisciplinary

Ancient World Studies
Asian Studies
Deaf Studies
Digital Design \& Fabrication
Disaster Studies
Environmental Geochemical Science
Environmental Studies
Evolutionary Studies
Film \& Video Studies
International Relations
Italian Studies
Jewish Studies
Latin American \& Caribbean Studies
Law \& Politics
Linguistics
Medieval \& Early Modern Studies
Native American Studies
Religious Studies
Women's, Gender, \& Sexuality Studies

## College of Liberal Arts \& Sciences

We are the largest and most diverse academic unit at the State University of New York at 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 and Sciences currently offers eleven 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.

## Ancient World Studies

Web address: 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 Dan Werner (Program Coordinator), Department of Philosophy, JFT422, 845-257-2315 or wernerd@newpaltz.edu.

## 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

ANT213 Intro to Archaeology
ANT304 Ancient Mesoamerica (3)

## Art History

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

## English

ENG355 The Bible (4)
ENG356 Greek \& Roman Literature (3)

## History

HIS200 Ancient World (4)
HIS202 History of the Ancient Near East (3)
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 \& Sexuality in Classical Antiquity (3)
HIS337 Ancient India (3)

HIS369 Ancient Israel (3)
HIS370 Bible: Myth \& History (3)

## Philosophy

PHI211 Ancient Greek Philosophy (3)
PHI251 Indian Philosophy (3)
PHI310 Later Greek \& Roman Philosophy (3)
PHI330 Chinese Philosophy (3)

## Political Science

POL220 Athens \& Jerusalem: Political Thought in the Ancient \& Medieval Worlds (4)

## Course Descriptions

Ancient World Studies is an interdisciplinary program whose courses are based in a variety of academic areas. Descriptions of courses based in Ancient World Studies ("ANC" courses) appear below. Courses based in other academic areas are listed here and described elsewhere in this catalog. Please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found.
Subject codes for Ancient World Studies courses:

| ANT - Anthropology | HIS - History |
| :--- | :--- |
| ARH - Art History | PHI - Philosophy |
| ENG - English | POL - Political Science |

ANC393 Ancient Studies Selected Topic (3-12; may be repeated for credit): Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

- ANT213 Intro to Archaeology
- ANT304 Ancient Mesoamerica
- ARH340 The Arts of Early China
- ARH365 Early Greek Art
- ARH366 Later Greek Art
- ARH367 The Art of Ancient Rome
- ARH386 Art of Ancient Egypt
- ARH401 Art of the Ancient Near East
- ENG355 The Bible
- ENG356 Greek and Roman Literature
- HIS200 Ancient World
- HIS202 History of the Ancient Near East
- HIS203 History of Ancient Greece
- HIS312 Alexander the Great \& the Hellenistic World
- HIS313 Religion \& Power in the Ancient Near East
- HIS314 Roman Empire
- HIS316 Gender \& Sexuality in Classical Antiquity
- HIS369 Ancient Israel
- HIS370 Bible: Myth and History
- PHI211 Ancient Greek Philosophy
- PHI251 Indian Philosophy
- PHI310 Later Greek and Roman Philosophy
- PHI330 Chinese Philosophy
- POL220 Athens \& Jerusalem: Political Thought in the Ancient \& Medieval Worlds


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## Anthropology

Phone: (845) 257-2990
Location: Wooster Hall 319
Web address: 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.

## 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.

Required introductory courses. .12 credits
ANT213 Introduction to Archaeology (3)
ANT214 Cultural Anthropology (3)
ANT215 Introduction to Biological Anthropology (3)
ANT216 Language and Culture (3)
Required upper-division core courses 12 credits
ANT400 Development of Anthropological Thought (3)
ANT401 Comparative Social Organization (3)

ANT402 Research Methods in Anthropology (3)
ANT490 Seminar Four Fields of Anthropology (3)
Required electives. 18 credits
Six (6) additional anthropology courses are required, two (2) of which must focus on different world areas (see list below).

## 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, ANT493) may also fulfill this requirement.

Asia
ANT370 Cultures of East Asia (3)
ANT378 Cultures of South Asia (3)
Mesoamerica
ANT304 Ancient Mesoamerica (3)
North America
ANT303 Indians of North America (3)
ANT312 North American Archaeology (3)
ANT314 New York State Archaeology (3)
South America
ANT305 Cultures of South America (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.

Required courses $\qquad$ 6 credits
ANT211 General Anthropology (3) or ANT214 Cultural Anthropology (3)
ANT213 Introduction to Archaeology (3) or ANT215 Introduction to Biological Anthropology (3)

Required upper-division electives. $\qquad$ 6 credits
One (1) 300-level Anthropology course (3)
One (1) 400-level Anthropology course (3)
Other required electives. 6 credits
Two (2) additional Anthropology courses at any level

## Course Descriptions

ANT100 The Anthropology of Today's World (3)
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: Liberal Arts, GE4: World Civilizations, GE3: WRLD, Ethical Reflection, Systematic Inquiry
ANT193 Anthropology Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the
Schedule of Classes for more information regarding this course.
ANT211 General Anthropology (3)
Introduction to the theories, methods, and major areas of Anthropology.
Attributes: Liberal Arts, GE4: Social Science, GE3: SSCI, Systematic Inquiry

## ANT213 Intro to Archaeology (3)

Method and theory of Archaeology as a branch of Anthropology; survey of major archaeological discoveries and sequences of world prehistory.
Attributes: Liberal Arts, GE4: Social Science, GE3: SSCI, Systematic Inquiry

## ANT214 Cultural Anthropology (3)

Students will learn about the variety of different cultures in the world. A comparative approach is used so that students will gain basic knowledge about patterns of cultural similarities and differences in the lifeways of foraging, horticultural, agricultural industrial and post-industrial societies.

Attributes: Liberal Arts, GE4: World Civilizations, GE3: WRLD, Systematic Inquiry
ANT215 Intro to Biological Anthropology (3)
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, GE3: NSCI, Systematic Inquiry

## ANT216 Language and Culture (3)

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: Liberal Arts, Critical Thinking Introductory
Restrictions: Must be enrolled in the following level: Undergraduate
ANT230 Forensic Anthropology (3)
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 be enrolled in the following level: Undergraduate
ANT250 Ecological Anthropology (3)
Introduces students to ecological anthropology. Emphasis is placed on how humans and the cultures they create are fashioned by their environment. We explore adaptations to distinct environments, indigenous systems of knowledge, and human-induced environmental changes.

Attributes: Liberal Arts, GE4: Social Science, GE3: SSCI, Systematic Inquiry
ANT293 Anthropology Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

ANT295 Indep Study Anthropology (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## ANT301 Human Evolution (3)

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, GE3: NSCI, Systematic Inquiry
Restrictions: May not be enrolled in the following class: Freshman
ANT302 Human Osteology (3)
Students will gain hands-on experience in biological anthropology, including osteology, dental anthropology, primatology, human evolution, and forensics.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

## ANT303 Indians of North America (3)

Survey of cultures north of Mexico; description and analysis of institutional changes resulting from Indian and non-Indian contacts; role of anthropological theories in the selection of research problems and analysis of North American Indian cultures.

Attributes: Liberal Arts, Diversity, GE3: DIVR, Systematic Inquiry
Restrictions: May not be enrolled in the following class: Freshman

## ANT304 Ancient Mesoamerica (3)

A survey of the cultural development in Ancient Mesoamerica prior to the Spanish conquest, with particular focus upon the Maya and Aztecs.

Attributes: Liberal Arts, GE4: World Civilizations, GE3: WRLD, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ANT305 Cultures of South America (3)

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, GE4: World Civilizations, GE3: WRLD, Systematic Inquiry
Restrictions: May not be enrolled in the following class: Freshman
ANT306 Cultures of Brazil (3)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ANT310 Bioarchaeology of Food (3)

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, GE3: NSCI
ANT312 North American Archaeology (3)
An archaeological survey of early man in North America.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman

## ANT314 New York State Archaeology (3)

Major prehistoric developments in New York State; evolution of the resident aboriginal cultures from the post-Pleistocene appearance of the Paleo-Indians through late Woodland (Iroquois) times.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ANT315 Historical Archaeology (3)

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: Liberal Arts; GE4: United States Studies, GE3: USST, Effective Expression/Written, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

ANT316 Cannibalism: Archaeology and Ethnography (3)
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: May not be enrolled in the following class: Freshman
ANT317 Love, Sex and Marriage: Anthropological Perspectives (3)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ANT361 Exploring the Unknown (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ANT362 Race, Ethnicity and Inequality (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ANT364 Inequality and Human Health (3)

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: Liberal Arts, Diversity, GE3: DIVR
Restrictions: May not be enrolled in the following class: Freshman

## ANT370 Cultures of East Asia (3)

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; GE4: World Civilizations, GE3: WRLD; Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ANT371 Culture and Society of Vietnam (3)

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 $20^{\text {th }}$-century Vietnam.

Attributes: Liberal Arts; GE4: World Civilizations, GE3: WRLD; Systematic Inquiry
Restrictions: May not be enrolled in the following class: Freshman

## ANT378 Cultures of South Asia (3)

This course introduces students to the many different cultures that constitute the Sourth Asian continent from the earliest State civilization, the Harappa, approximately 5,000 before the present (BP), to the present. In this course we will survey the early pre-history of South Asia; regional adaptations to the environment; historical epochs and dynasties.

Attributes: Liberal Arts; GE4: World Civilizations, GE3: WRLD, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

ANT393 Anthropology Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

ANT400 Development of Anthropological Thought (3)
Examination of the major theoretical positions in contemporary anthropology, and of their development in the broader context of the history of ideas.

Attributes: Liberal Arts; Critical Thinking Intermediate
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ANT214 Minimum Grade of C-
ANT401 Comparative Social Organization (3)
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: Liberal Arts; Critical Thinking Intermediate
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ANT214 Minimum Grade of C-

## ANT402 Research Methods in Anthropology (3)

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: Liberal Arts; Information Management Intermediate
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ANT214 Minimum Grade of C-

## ANT403 Religion and Culture (3)

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: May not be enrolled in the following class: Freshman

## ANT404 Political Anthropology (3)

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: May not be enrolled in the following class: Freshman
ANT405 Anthropology of Morality (3)
Introduces students to the theoretical and philosophical background of the new field of inquiry call 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ANT406 Culture, Self \& Meaning (3)

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: May not be enrolled in the following class: Freshman

## ANT407 Visual Anthropology (3)

An introduction to anthropological theories of visual communication and the history of anthropological representations of non-Western "others."
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ANT410 Applied Anthropology (3)

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: Liberal Arts; Research
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ANT214 Minimum Grade of C-

## ANT414 The Anthropology of Performance (3)

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: May 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 ENG002 Minimum Grade of C-

## ANT415 The Archaeology of Death (3)

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: May not be enrolled in the following class: Freshman

## ANT421 Gender and Anthropology (3)

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: May not be enrolled in the following class: Freshman

## ANT434 Archaeological Field School (9)

Archaeological excavation to train students in the practical application of archaeological theory and method.

Attributes: Liberal Arts; Field Study
Restrictions: May not be enrolled in the following class: Freshman

## ANT461 Seminar in Magic, Witchcraft and Sorcery (3)

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: May not be enrolled in the following class: Freshman

## ANT481 Transcultural Health (3)

Examination of aspects of culture that affect bio-physical and psychological health status, illness, and therapeutic behavior in diverse and multi-cultural settings. The application of anthropological research and methods to understanding and instituting change in medical systems. Designed for advanced-level students without prior training in anthropology.

Attributes: Liberal Arts, GE4: World Civilizations, GE3: WRLD, Systematic Inquiry
Restrictions: May not be enrolled in the following class: Freshman

## ANT490 Seminar Four Fields of Anthropology (3)

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: Liberal Arts, Creative Works, Critical Thinking Advanced, Information Management Advanced Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following class: Senior
Prerequisites: ANT213 Minimum Grade of C- and ANT214 Minimum Grade of C- and ANT215 Minimum Grade of C- and ANT216 Minimum Grade of C-

ANT493 Anthropology Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

ANT494 Fieldwork in Anthropology (1-12)
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ANT495 Indep Study Anthropology (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## Archaeology Field School

The department offers a summer program that affords students with 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.

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## Asian Studies

Phone: (845) 257-3505
Location: JFT 516
Web address: 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. In conjunction with Japanese or Chinese language study, students may choose from several dozen courses offered by faculty from over ten departments. The program's regional coverage includes South, Southeast, East and Northeast Asia.

Students in Asian Studies often, though not always, combine their Asian Studies major with another major or minor in a particular discipline.

The Asian Studies program strongly encourages study abroad in Asia. Through the campus' Center for International Programs, students have access to many opportunities including, though 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.

## Major in Asian Studies (37 credits)

When declaring the major, students submit a brief personal statement of intent.
Majors in Asian Studies must receive no less than a C- in any course that is used to satisfy the program requirements.

## Required courses

 16 creditsEach major is required to complete at least two years of language study in either Chinese or Japanese. ${ }^{1}$
${ }^{1}$ Students with a high degree of language proficiency in these or other Asian languages may take 16 credits in other Asian Studies courses.

Content courses on Asia.
.21 credits (minimum)
Each major is required to complete, by advisement, at least 9-12 credits in the Social Sciences $(\mathrm{SOC})^{2}$ category and $9-12$ credits in the Humanities/Arts (HUM/ART) ${ }^{2}$ category. Among these 21 credits, students are required to take:
(a) at least 3 credits in an area of Asia beyond China or Japan, and
(b) ASN200 Introduction to Asia (3 credits) or at least 3 credits in "Asian Studies Perspectives" courses, which include:

ARH210 Images \& Ideas in Asian Art (3)
ASN200 Introduction to Asia (3)
ECO310 Economic Development of the Asia-Pacific (3)
ENG211 Great Books Asian Classics (3) - designated sections only
HIS200 Ancient World (4)
HIS216 Modern China (4)
POL365 International Politics of the Asia-Pacific (3)
${ }^{2}$ A current list of SOC and HUM/ART courses is available from the director of Asian Studies.

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

Majors or minors in Asian Studies must receive no less than a C- in any course that is used to satisfy the program requirements.

## 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 of their heritage.
Minors in Asian Studies must receive no less than a C- in any course that is used to satisfy the minor.

## Required courses

 8 creditsOne 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.

## Content courses on Asia

 10 creditsOne course in the civilization or culture of the country whose language is being studied and additional courses in Asian Studies to total 10 credits. Up to 8 transferred credits from study abroad may be applied toward the minor.

## Course Descriptions

Asian Studies is an interdisciplinary program whose courses are based in a variety of academic areas. Descriptions of courses based in Asian Studies ("ASN" courses) appear below. Courses based in other academic areas are listed here and described elsewhere in this catalog. Please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found.

Subject codes for Asian Studies courses:

| ANT - Anthropology | ENG - English | POL - Political Science |
| :--- | :--- | :--- |
| ARH - Art History | HIS - History | REL - Religious Studies |
| CHI - Chinese | JPN - Japanese | THE - Theatre Arts |
| ECO - Economics | PHI - Philosophy |  |

- ANT370 Cultures of East Asia
- ANT371 Culture and Society of Vietnam
- ANT378 Cultures of South Asia
- ANT414 The Anthropology of Performance
- 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
- ARH345 Art in Modern China
- ARH378 Sacred Spaces, Divine Images
- ARH452 Chinese Painting: Figure in Landscape

ASN100 East-West Living \& Learning Community (1; may be repeated for credit)
Participation in a Living \& Learning community bringing together domestic students interested in Japanese \& Chinese culture with students from those countries in a dorm setting where they engage in educational activities.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## ASN200 Introduction to Asia (3)

A gateway to the Asian Studies major. The introduction exposes students to important concepts, themes and developments in Asia.
Attributes: Liberal Arts; GE4: World Civilizations, GE3: WRLD, Information Literacy; Critical Thinking Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate
ASN293 Asian Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

ASN295 Independent Study Asian Studies (1-12; may be repeated for credit)
No description is available for this course.

Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.
ASN393 Asian Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

ASN399 Asian Studies Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ASN400 Asian Studies Seminar (1)

Capstone for graduating Asian Studies majors.
Attributes: Liberal Arts; Critical Thinking Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following field(s) of study (major, minor or concentration): Asian Studies (503); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.
Prerequisites: ANT370 Minimum Grade of B- or ANT371 Minimum Grade of B- or ECO310 Minimum Grade of B- or JPN311 Minimum Grade of B- or JPN300 Minimum Grade of B- or PHI330 Minimum Grade of B- or PHI332 Minimum Grade of B- or POL362 Minimum Grade of B- or THE328 Minimum Grade of B- or HIS492 Minimum Grade of B-

ASN495 Independent Study Asian Studies (1-12; may be repeated for credit) No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.

- CHI101 Elementary Chinese I
- CHI102 Elementary Chinese II
- CHI201 Intermediate Chinese 1
- CHI202 Intermediate Chinese II
- CHI310 Spoken Mandarin
- ECO130 Economics of Globalization
- ECO493 Economics Selected Topics
- ENG211 Great Bks Asian Classics
- HIS215 China to 1800
- HIS216 Modern China
- HIS330 Staging China
- HIS335 Modern Japan
- HIS336 Religions of Asia
- HIS337 Ancient India
- HIS338 British India
- HIS339 Indian Ocean World
- HIS467 The United States in Vietnam
- HIS480 Women in China
- HIS492 Seminar in History
- JPN101 Elementary Japanese 1
- JPN102 Elementary Japanese 2
- JPN201 Intermediate Japanese I
- JPN202 Intermediate Japanese 2
- JPN300 Japanese Aesthetics and Culture
- JPN301 Japanese Comp and Conv
- JPN310 Japanese Poetry
- JPN311 Japanese Fiction
- JPN320 Asian Americans
- PHI251 Indian Philosophy
- PHI252 East Asian Philosophy
- PHI330 Chinese Philosophy
- PHI332 Buddhist Philosophy
- PHI382 Contemporary Buddhism
- POL362 Politics of China and India
- POL363 Chinese Foreign Pol and US
- POL365 International Politics of the Asia-Pacific
- POL369 Governments and Politics of China and Japan
- REL270 Religions of the World
- THE328 Asian Theatre


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## Black Studies

Phone: (845) 257-2760
Location: Faculty Office Building West 2
Web address: www.newpaltz.edu/blackstudies
Black Studies is a multi-disciplinary major devoted to the exploration and analysis of the history and culture of African people in the United States, Caribbean, and Africa. It seeks to define the Black experience from an African and Afro-American-centered perspective rather than Eurocentric perspective, to illuminate the contribution of African people to world culture and to correct a traditional approach to the study of world history that tended to bypass the Black Diaspora experience.

## Major in Black Studies (33 credits)

Required courses.
.12 credits
BLK100 Introduction to Black Studies (3)
BLK201 Black History I (3)
BLK202 Black History II (3)
BLK490 Seminar in Black Studies (3)

Core courses. .12 credits
One course from each of the four cores: historical, humanities, socio-psychological, and political-economic.

## Historical Core:

BLK200 Introduction to Africa (3)
BLK231 Development of Afro-Latin American Civilizations (1492-1825) (3)
BLK232 Contemporary Afro-American Civilizations Since 1825 (3)
BLK301 Survey of Pre-Colonial Africa to 1800 (3)
BLK302 Survey of Contemporary Africa: $19^{\text {th }}$ Century to Present (3)
BLK309 Introduction to Afro-Brazilian History (3)
BLK311 Blacks in the Caribbean, 1492-Present (3)
BLK325 History of Slavery in Americas (3)
BLK331 The American Civil Rights Movement (3)
BLK347 History of South Africa (3)
BLK369 History of Terrorism Against Blacks \& 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

## Humanities Core:

BLK205 The Black \& 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 \& Spoken Word (3)
BLK300 Gospel Choir (Voices of Unity) (2)
BLK310 Blacks and the Media (3)
BLK315 Black \& Latino Children's Literature (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)
BLK375 Black Gospel Music (3)
BLK380 Black Music of the 1960s (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:
BLK221 The Black Woman (3)
BLK271 Black Sociology (3)
BLK285 Intro to Black Psychology (3)
BLK340 Psychological Studies 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)
BLK440 The African Woman (3)
Political-Economic Core:
BLK175 or INT175 Issues in the Education of Underrepresented College Students (3)
BLK250 Malcolm X: The Man and His Times (3)
BLK275 Advocacy Journalism in the Black Community (3)
BLK290 The Political Economy of Black America (3)
BLK330 Race and Racism in U.S. History (3)
BLK335 Blacks and 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 $20^{\text {th }}$ Century (3)

## Electives

 .9 creditsEach major candidate is required to complete, by advisement, 3 additional Black Studies courses.
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 Independent Study in Black Studies.

## Minor in Black Studies (18 credits)

## Required course. <br> BLK100 Introduction to Black Studies (3)

Electives......................................................... 15 credits
Each minor candidate is required to complete, by advisement, five additional Black Studies courses in two different cores. It is highly recommended that each minor candidate take one course from the Historical Core. 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:

BLK200 Introduction to Africa (3)
BLK201 Black History I (3)

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BLK202 Black History II (3)
BLK231 Development of Afro-Latin American Civilizations (1492-1825) (3)
BLK232 Contemporary Afro-American Civilizations Since 1825 (3)
BLK301 Survey of Pre-colonial Africa to 1800 (3)
BLK302 Survey of Contemporary Africa: 19 'th Century to Present (3)
BLK309 Introduction to Afro-Brazilian History (3)
BLK311 Blacks in the Caribbean, 1492-Present (3)
BLK325 History of Slavery in Americas (3)
BLK328 Black Drama in America (3)
BLK331 The American Civil Rights Movement (3)
BLK347 History of South Africa (3)
BLK369 History of Terrorism Against Blacks & 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)
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## Humanities Core:

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BLK205 The Black \& 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)
BLK270 Rap \& Spoken Word (3)
BLK300 Gospel Choir (Voices of Unity) (2)
BLK310 Blacks and the Media (3)
BLK315 Black \& Latino Children's Literature (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)
BLK380 Black Music of the 1960s (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)
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## Political-Economic Core:

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BLK175 or INT175 Issues in the Education of Under-represented College Students (3)
BLK250 Malcolm X: The Man and His Times (3)
BLK275 Advocacy Journalism in the Black Community (3)
BLK290 The Political Economy of Black America (3)
BLK330 Race and Racism in U.S. History (3)
BLK335 Blacks and American Law (3)
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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 $20^{\text {th }}$ Century (3)
Socio-Psychological Core:
BLK221 The Black Woman (3)
BLK271 Black Sociology (3)
BLK285 Intro to Black Psychology (3)
BLK340 Psychological Studies 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 Under-represented Students (3)
BLK440 The African Woman (3)

## Course Descriptions

## BLK100 Intro to Black Studies (3)

Introductory survey course designed to acquaint the student with the methods of research, bibliographies, and key issues pertaining to the Black experience.

Attributes: Liberal Arts; GE4: Social Science, GE3: SSCI, Effective Expression/Written, Systematic Inquiry

## BLK101 The Modern World (4)

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

## BLK175 Issues in the Education of Underrepresented College Students (3)

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
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
BLK193 Black Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

## BLK200 Introduction to Africa (3)

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: Liberal Arts; GE4: World Civilizations, GE3: WRLD, Effective Expression/Written, Systematic Inquiry

## BLK201 Black History I (3)

A survey of Black history from Africa to the $20^{\text {th }}$ 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: Liberal Arts; Diversity; GE3: DIVR, Effective Expression/Oral, Effective Expression/Written

## BLK202 Black History II (3)

A continuation of BLK201, covering the period from the beginning of the $20^{\text {th }}$ century to the present. May be taken prior to or concurrently with BLK201.

Attributes: Liberal Arts; Diversity; GE3: DIVR, Effective Expression/Oral, Effective Expression/Written

## BLK205 The Black \& Latino Experiences: Writing for Scholars (3)

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: Liberal Arts; GE4: Humanities, GE3: HUM, Information Literacy, Effective Expression/Written; Creative Works, Research
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: ENG160 Minimum Grade of C- or English Placement Level 4 or ENG207 Minimum Grade of C-

## BLK221 The Black Woman (3)

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: Liberal Arts; Diversity; GE3: DIVR, Effective Expression/Written

## BLK231 Development of Afro-Latin American Civilization (1492-1825) (3)

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

## BLK232 Contemporary Afro-Latin American Civilization Since 1825 (3)

A survey of Afro-Latin American communities since Emancipation and the rise of national racial philosophies after the 1850s in Peru, Argentina, Colombia, and Venezuela. Black participation in politics, literary circles, and labor groups will also be examined.

Attributes: Liberal Arts

## BLK240 The Black Man (3)

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 cultur the status and role performances of Black fathers; the historical and contemporary myths about the psychology and biology of African American males.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## BLK250 Malcolm X Man and Times (3)

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

## BLK260 Essence of Black Music (3)

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

## BLK263 Black Dance (3)

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: Liberal Arts; Creative Works

## BLK264 African American Religion (3)

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: Liberal Arts; Diversity; GE3: DIVR, Ethical Reflection
Restrictions: Must be enrolled in the following level: Undergraduate

## BLK265 African American Art (3)

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

## BLK268 Survey of Black American Literature (3)

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: Liberal Arts; GE4: Humanities, GE3: HUM, Effective Expression/Oral, Effective Expression/Written

## BLK269 Black Poetry and Drama (3)

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: Liberal Arts; Diversity; GE3: DIVR, Effective Expression/Written

## BLK271 Black Sociology (3)

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: Liberal Arts; Diversity; GE3: DIVR, Effective Expression/Written

## BLK272 Rap and Spoken Word (3)

An analysis of rap and spoken word from the 1960s 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: Liberal Arts; GE4: Humanities, GE3: HUM, Effective Expression/Oral, Effective Expression/Written

## BLK275 Advocacy Journalism in the Black Community (3)

Journalistic techniques used to communicate with various advocacy groups; to explore and expose community problems and suggest solutions to those problems.
Attributes: Liberal Arts

## BLK285 Introduction to African Psychology: A Cultural Approach (3)

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 Africancentered 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: Liberal Arts; GE4: World Civilizations, GE3: WRLD, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate

## BLK290 The Political Economy of Black America (3)

The economic base of the Black community and its role in establishing the political agenda of Black America.

Attributes: Liberal Arts

BLK293 Black Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Attributes: Liberal Arts
BLK295 Indep Study Black Studies (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## BLK296 Departmental Elective

No description is available for this course.

BLK299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
BLK300 Gospel Choir Voices of Unity (2; may be repeated for credit)
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: Liberal Arts; Community Service
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK301 Survey of Pre-Colonial Africa to 1800 (3)

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 EuroAsian intrusions in the eighteenth and nineteenth centuries.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK302 Survey of Contemporary Africa: Nineteenth Century to Present (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK309 Introduction to Afro-Brazilian History (3)

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: Liberal Arts; GE4: World Civilizations, GE3: WRLD, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK310 Blacks and the Media (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK311 Blacks in the Caribbean, 1492-Present (3)

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: Liberal Arts; GE4: World Civilizations, GE3: WRLD, Effective Expression/Written

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK315 Black and Latino Children's Literature (3)

An examination of the rapidly expanding body of literature on Black and Latino experiences written for children and youth. Analysis of "melting pot," "socially conscious" and "culturally conscious" perspectives. Attention given to both authors and illustrators, as well as criteria for selection. Lecture/discussion with visual media.
Attributes: Liberal Arts; GE4: Humanities, GE3: HUM, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK320 Contemporary Black American Literature (3)

A sociological, political, and esthetic view of current works by Afro-American poets, prose and dramatic artists.

Attributes: Liberal Arts; Writing Intensive
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK323 Black Poetry (3)

Introductory course designed to acquaint students with over 200 years of Black American poetry.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK325 History of Slavery in the Americas (3)

A thematic examination of the socioeconomic and political impact of slavery in the North, South, Central and Caribbean regions.
Attributes: Liberal Arts; GE4: Western Civilization, GE3: WEST, Effective Expression/Oral, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK328 Black Drama in America (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK330 Race and Racism in US History (3)

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.

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## BLK331 The American Civil Rights Movement (3)

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: Liberal Arts; GE4: United States Studies, GE3: USST, Effective Expression/Oral, Effective Expression/Written, Ethical Reflection

## BLK333 Black Rhetoric (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK335 Blacks and the American Law (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK340 Psychology of Black Americans (3)

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: Liberal Arts; Diversity; GE3: DIVR, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK345 Black and Latino Leadership (3)

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: Liberal Arts; Diversity; GE3: DIVR, Effective Expression/Oral, Effective Expression/Written; Leadership
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK347 History of South Africa (3)

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: Liberal Arts; GE4: World Civilizations, GE3: WRLD, Effective Expression/Written, Systematic Inquiry Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK350 Contemporary Social Issues in the Black Community (3)

Key issues that affect the Black community; social science research that analyzes the problems and suggests solutions.

Attributes: Liberal Arts; GE4: Social Science,GE3: SSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK355 The Black Family (3)

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: Liberal Arts; Diversity; GE3: DIVR, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK357 Psychology of the Black Child (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK360 Politics of the U.S.A. and the Black Community (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK363 African Dance (3)

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.

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## BLK364 History of Black Political Thought (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK369 History of Terrorism Against Blacks and Native Americans (3)

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: Liberal Arts; GE4: United States Studies, GE3: USST, Effective Expression/Oral, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK370 Education in the Black Community (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK372 Hip Hop Culture (3)

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.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK375 Black Gospel Music (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK380 Black Music of the 1960s (3)

Examination and exploration of Black Music of the 1960s, 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

BLK393 Black Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK396 Black English: Language and Culture (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

BLK399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BLK401 Blacks in New York History (3)

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: May not be enrolled in the following class: Freshman

## BLK412 Critical Analysis of Black American Literature (3)

Methods and tools of criticism of literature by or about Black Americans.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

## BLK415 Recurrent Themes in Black Literature (3)

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: May not be enrolled in the following class: Freshman

## BLK417 The African Diaspora in World History (3)

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: May not be enrolled in the following class: Freshman
Prerequisites: BLK100 Minimum Grade of D-

## BLK420 Counseling Underrepresented Students (3)

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: May not be enrolled in the following class: Freshman

## BLK430 Black Organization and Movements in the Twentieth Century (3)

Historical development of various tendencies in the Black people's movement from the DuboisWashington 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: May not be enrolled in the following class: Freshman

## BLK450 The Portuguese in Africa (3)

A seminar on Portuguese expansion and involvement in Africa from the $15^{\text {th }}$ 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 Portuguesespeaking/African independent nation-states.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

## BLK460 West African Kingdoms in the Nineteenth Century (3)

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: May not be enrolled in the following class: Freshman

## BLK490 Seminar in Black Studies (3)

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: Liberal Arts, Writing Intensive; Creative Works, Research
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: BLK100 Minimum Grade of D-and BLK201 Minimum Grade of D- and BLK202 Minimum Grade of $D$ -

BLK493 Black Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman
BLK494 Fieldwork In Black Studies (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

BLK495 Indep Study Black Studies (1-12; may be repeated for credit))
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

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## Communication Disorders

Phone: (845) 257-3620
Location: Humanities Building, Room 14A
Web address: www.newpaltz.edu/commdis
The undergraduate program in Communication Disorders has been offered at SUNY New Paltz since 1969. This program prepares students for careers in speech-language pathology, audiology, and related areas such as deaf education. The department offers a liberal arts major program which prepares students for graduate study in the fields of communication disorders. The department also offers ASHA-accredited graduate programs in Communication Disorders, with concentrations in Speech and Language Disabilities (with teaching certificate) and SpeechLanguage Pathology.

The Department of Communication Disorders provides pre-major advisement. Students who are potentially interested in majoring in Communication Disorders are urged to contact the department early in their academic careers. For more information, please visit the department's website and consult the Undergraduate Program Guide published there.

## 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 Communication Disorders.

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.

## Major in Communication Disorders (49-50 credits)

Communication Disorders is a liberal arts major that prepares students for graduate study in speech-language pathology, audiology or related areas. General Education courses in American Sign Language and Deaf Studies are available.

Those who may be interested in majoring in Communication Disorders are urged to contact the department early in their academic careers for advisement. Students may begin this major prior to or during the fall of their junior year.

NOTES:

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

## Required core courses .36 credits

CMD200 Survey of Communication Disorders (3)
CMD202 Deaf Culture \& Heritage (3)
CMD302 Phonetics (4)
CMD304 Speech \& Hearing Science (4)
CMD306 Language Development in Children (3)
CMD310 Anatomy \& Physiology of Speech \& 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)
Core elective $\qquad$ .3-4 credits
Select, by advisement, 3-4 credits from the following courses:
CMD314 Autism Spectrum Disorders (3)
CMD315 Disorders of Fluency \& Voice (3)
CMD402 Clinical Participation I (2)
CMD403 Clinical Participation II (2)
CMD453 Research Plans \& Projects (3)
CMD474 Clinical Participation in Audiology (3)
CMD293/393/493 Selected Topics in CMD
SAB339 Ethiopia Deaf Study Abroad (3)
Other electives 6 credits
Select, by advisement, 6 credits from the following courses:
CMD203 Intermediate American Sign Language 1 (3)
CMD205 Intermediate American Sign Language 2 (3)
CMM104 Public Speaking (3)

EDS371 Child Psychology and Development (3)
EDS372 Developing Adolescence (3)
ENG226 Practical Grammar (3)
LINxxx Any Linguistics course (3)
SOC350 Introduction to Human Services (3)
SPA363 Spanish Phonetics \& Oral Practice (3)
SPE350 Creating Inclusive Elementary School Classrooms (3)
SPE385 Differentiating Instruction in the Secondary School (3)
Additional core elective(s) not counted above (3-6)
Capstone experience. .4 credits
Select one of the following courses:
CMD406 Diagnosis in Speech-Language Pathology [WI] (4)
CMD420 Seminar in Communication Disorders [WI] (4)
CMD473 Clinical Methods in Audiology [WI] (4)

## 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 computerbased 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.

## Course Descriptions

CMD101 Elementary American Sign Language 1 (3)
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: Liberal Arts; GE4: Foreign Language 1, GE3: FLNG
CMD102 Elementary American Sign Language 2 (3)
This course is designed to teach American Sign Language communication skills at the beginning/intermediate level and Deaf culture.

Attributes: Liberal Arts; GE4: Foreign Language 2, GE3: FLNG
Prerequisites: CMD101 Minimum Grade of C- or American Sign Lang Placement 2

## CMD200 Survey of Communication Disorders (3)

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: Liberal Arts, Information Management Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in one of the following classes: Senior, Junior; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## CMD202 Deaf Culture and Heritage (3)

Through readings, films, discussions and assignments, students will gain an appreciation for the nature and evolution of Deaf culture and the challenges faced by Deaf people in society, both in the past and currently. The course also provides background on the history of American Sign Language and on trends in Deaf education in the U.S.A.

Attributes: Liberal Arts; Diversity; GE3: DIVR, Systematic Inquiry
CMD203 Intermediate American Sign Language 1 (3)
Intermediate/advanced instruction in American Sign Language and Deaf culture.
Attributes: Liberal Arts
Prerequisites: American Sign Language Placement 3 or (CMD101 Minimum Grade of C- and CMD102 Minimum Grade of C-)

## CMD204 The World of Sound (4)

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 and Natural Science Lab, GE3: NSCI, Systematic Inquiry Restrictions: Must be enrolled in the following level: Undergraduate Prerequisites: Math Placement 3 or MAT151 Minimum Grade of C- or MAT053 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

CMD205 Intermediate American Sign Language 2 (3)
Advanced instruction in American Sign Language with a focus on conversation skills.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: CMD203 Minimum Grade of C-
CMD293 Comm Dis Selected Topics (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

CMD295 Indep Study Comm Disorders (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## CMD302 Phonetics (4)

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 field(s) of study (major, minor or concentration): Communication Disorders (588), Linguistics (LIN); Must be enrolled in one of the following classifications: Sophomore, Junior, Senior

CMD304 Speech and Hearing Science (4)
Principals of acoustic phonetics, anatomy and physiology of hearing, perception of sound and speech.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Communication Disorders (588); May not be enrolled in the following class: Freshman
Prerequisites: (Math Placement Level 3 or MAT151 Minimum Grade of C- or MAT053 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-) and (CMD204 Minimum Grade of C- or PHY109 Minimum Grade of C-)

## CMD306 Language Development in Children (3)

The nature of speech and language development in young children.
Attributes: Liberal Arts; Critical Thinking Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Communication Disorders (588); May not be enrolled in the following class: Freshman

## CMD310 Anatomy \& Physiology of Speech and Swallowing (4)

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 the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Communication Disorders (588); Must be enrolled in one of the following classes: Junior, Senior, Sophomore

## CMD312 Introduction to Communication Disorders (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## CMD314 Autism Spectrum Disorders (3)

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

## CMD315 Disorders of Fluency and Voice (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Communication Disorders (588); May not be enrolled in the following class: Freshman
Prerequisites: CMD310 Minimum Grade of C-

## CMD317 Audiology (3)

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: Liberal Arts; Other Applied Learning
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Communication Disorders (588); May not be enrolled in the following class: Freshman

CMD393 Select Topic Comm Disorders (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## CMD401 Observations and Clinical Methods (3)

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: Liberal Arts; Other Applied Learning
Restrictions: Must be enrolled in the following major: Communication Disorders (588); May not be enrolled in one of the following classes: Freshman, Sophomore
Prerequisites: CMD415 Minimum Grade of C-*
*May be taken at the same time
CMD402 Clinical Participation I (2; may be repeated for credit)
First-level direct clinical experience in individual therapy programs at the New Paltz SpeechLanguage 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: Liberal Arts; Clinical Placement; Practicum/Non-Clinical
Restrictions: Must be enrolled in the following major: Communication Disorders (588); May not be enrolled in one of the following classes: Freshman, Junior, Sophomore; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: CMD302 Minimum Grade of C-
CMD403 Clinical Participation II (2; may be repeated for credit)
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: Liberal Arts; Clinical Placement; Practicum/Non-Clinical
Restrictions: Must be enrolled in the following major: Communication Disorders (588); May not be enrolled in one of the following classes: Freshman, Junior, Sophomore; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: CMD402 Minimum Grade of C-

## CMD406 Diagnosis in Speech-Language Pathology (4)

Philosophical and scientific considerations; 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: Liberal Arts, Writing Intensive; Critical Thinking Advanced, Information Management Advanced; Other Applied Learning
Restrictions: Must be enrolled in the following major: Communication Disorders (588); May 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 ENG002 Minimum Grade of TD-) and CMD415 Minimum Grade of C-

CMD409 Introduction to Aural Rehabilitation (3)
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: Liberal Arts; Other Applied Learning
Restrictions: Must be enrolled in the following major: Communication Disorders (588); May not be enrolled in the
following class: Freshman
Prerequisites: CMD317 Minimum Grade of C-
CMD415 Disorders of Child Language (3)
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 be enrolled in the following major: Communication Disorders (588); May not be enrolled in one of the following classes: Sophomore, Freshman
Prerequisites: CMD306 Minimum Grade of C-

## CMD419 Research in Communication Disorders (3)

Elements of quantitative research; application of psychophysiological research methods to human communication problems.
Attributes: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Communication Disorders (588); May not be enrolled in the following class: Freshman
Prerequisites: MAT185 Minimum Grade of D- or MAT145 Minimum Grade of D- or MAT241 Minimum Grade of D- or PSY275 Minimum Grade of D- or SOC307 Minimum Grade of D-

## CMD420 Seminar in Communication Disorders (4)

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: Liberal Arts; Writing Intensive; Critical Thinking Advanced, Information Management Advanced Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Communication Disorders (588); May not be enrolled in the following class: Freshman
Prerequisites: CMD302 Minimum Grade of C- and CMD415 Minimum Grade of C-
CMD453 Research Plans and Projects (3; may be repeated for credit)
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 be enrolled in the following level: Undergraduate; Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorder (588); May not be enrolled in the following classes: Senior, Junior; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: CMD419 Minimum Grade of C-

## CMD473 Clinical Methods in Audiology (4)

Clinical Methods in Audiology in a capstone course in the 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: Liberal Arts; Writing Intensive; Critical Thinking Advanced, Information Management Advanced; Practicum/Non-Clinical

Restrictions: Must be enrolled in one of the following majors: Communication Disorder (588); May not be enrolled in the following class: Freshman
Prerequisites: CMD417 Minimum Grade of C-
CMD474 Clinical Participation in Audiology (3; may be repeated for credit)
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.
Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Disorder (588); Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: CMD473 Minimum Grade of B+ and CMD401 Minimum Grade of C-
CMD493 Comm Dis Selected Topics (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman
CMD494 Fieldwork Comm Disorders (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

CMD495 Indep Study Comm Disorders (1-12; may be repeated for credit) No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

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## Communication Studies

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The Department of Communication offers a major in Communication Studies with concentrations in Interpersonal/Intercultural Communication, Organizational Communication, and Public Relations. The program, which leads to either the bachelor of arts (B.A.) or bachelor of science (B.S.) degree, blends technical and theoretical courses that can prepare students for graduate study or a variety of careers. 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. A minor in Communication Studies is also offered.

Students who select a concentration in Public Relations take a combination of theoretical and practical courses in journalism, ethics, persuasion, media and advertising, as well as public relations. The concentration prepares public relations practitioners to become communication experts within corporate, non-profit and government organizations, and public relations agencies. Students learn how to write and design public relations materials and how to plan public relations campaigns and special events. Both oral and written communication skills are emphasized. Learning how to conduct research is also an important component.

Students wishing to declare a major in any program of the Department of Communication must have completed a minimum of 30 credits of college-level work. The Communication Studies
major (except for the concentration in Public Relations) requires at least a 2.00 GPA; a 2.50 GPA is required for the Public Relations concentration. Students may not receive a grade lower than C- in any course considered part of their major program.

## Major in Communication Studies (39-41 credits)

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 political, organizational, and interpersonal contexts. The major provides 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 majoring in Communication Studies may focus their course work by choosing one of two concentrations: Organizational Communication or Interpersonal-Intercultural Communication.

## Required introductory courses

$\qquad$ 6 credits
CMM100 Introduction to Communication (3)
CMM104 Public Speaking (3)

## Required intermediate courses <br> $\qquad$ 6 credits

Choose two:
CMM202 Interpersonal Communication (3)
CMM204 Small Group Communication (3)
CMM214 Storytelling and Culture (3)
CMM357 Argumentation (3)
Required theory courses. .3-4 credits
Choose one:
CMM353 Persuasion \& Social Influence (3-4)
CMM354 Quantitative Communication Research Methods (3-4)
Elective courses. $\mathbf{1 2}$ credits, including at least 6 upper-division credits

Concentrations $\qquad$ 12-13 credits
Majors must complete one concentration, including a seminar that is considered the capstone course.

## Concentration 1: Organizational Communication

Select 3 courses:
CMM315 Introduction to Public Relations (3)
CMM359 Communication Among Cultures (3)
CMM360 Organizational Communication I (3)
CMM430 Training \& Development (3-4)
CMM450 Negotiation (3)
DMJ221 Introduction to Advertising (3)
DMJ431 Advertising Sales (3)
PSY315 Basics of Organizational Psychology (3)
plus the capstone seminar: CMM454 Organizational Communication Seminar (3-4)

## Concentration 2: Interpersonal/Intercultural Communication

Select 3 courses:
CMM325 Computer-Mediated Communication (3)
CMM355 Nonverbal Communication (3)
CMM358 Conflict Management (3)
CMM359 Communication Among Cultures (3)
CMM452 Communication and Gender (3)
PSY330 Crisis Intervention (4)
SOC379 Social Interaction (3)
plus the capstone seminar: CMM455 Interpersonal Communication Seminar (3-4)

## Public Relations Concentration (38-41 credits)

## Required lower-division courses. <br> 10 credits

CMM104 Public Speaking (3)
DMJ210 Investigating Journalism (3)
DMJ230 Journalism I (4)
Required upper-division courses..................... 16 credits
CMM312 Multimedia Copy Editing \& Layout (3)
CMM315 Introduction to Public Relations (3)
CMM316 Public Relations Campaigns (3)
CMM317 Social Media and Public Relations (3)
plus one of the following:
CMM456 Proposals, Plans \& Projects (4)
DMJ314 Feature Writing (4)
Required Persuasion course. 3 credits
CMM353 Persuasion \& Social Influence (3-4) or BUS326 Consumer Behavior* (3)
Required Ethics course. 3-4 credits
DMJ347 Media Ethics (4) or PHI305 Business Ethics (3)
Electives.........................................................6-8 credits
*BUS271 Legal Environment of Business (3)
*BUS325 Marketing (3)
*BUS346 International Business (3) - BUS250 is a required prereq
CMM354 Quantitative Communication Research Methods (3-4)
CMM355 Nonverbal Communication (3)
CMM359 Communication Among Cultures (3)
CMM360 Organizational Communication I (3)
CMM379 Communication, Culture \& Difference (3)

CMM450 Negotiation (3)
CMM490 Internship in Communication (2) and CMM491 Internship Seminar (1)
DMJ221 Introduction to Advertising (3)
DMJ224 Introduction to Media Programming \& Management (3)
DMJ300 Photojournalism I (3)
DMJ319 Writing for Digital Media (3)
DMJ350 Media Research Methods (4)
DMJ434 Global Media (3)
*Students who choose BUS courses to fulfill concentration requirements must meet all agreedupon prerequisites. Please plan accordingly.

## Minor in Communication Studies (18 credits)

Required introductory courses $\qquad$ 6 credits
CMM100 Introduction to Communication (3)
CMM104 Public Speaking (3)
Required intermediate courses $\qquad$ 6 credits
Select two of the following:
CMM202 Interpersonal Communication (3)
CMM355 Nonverbal Communication (3)
CMM357 Argumentation (3)
CMM360 Organizational Communication I (3)
Elective courses $\qquad$ 6 credits
Select any two (2) communication courses by advisement; one (1) of these must be an upperdivision course (excludes internship credit).

## Course Descriptions

## CMM100 Introduction to Communication (3)

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
Restrictions: Must be enrolled in the following level: Undergraduate
CMM104 Public Speaking (3)
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
Restrictions: Must be enrolled in the following level: Undergraduate
CMM193 Communication Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

## CMM202 Interpersonal Communication (3)

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
Restrictions: Must be enrolled in the following level: Undergraduate
CMM204 Small Group Communication (3)
Problem solving in decision-making committees. Survey of group processes in ask-oriented contexts. Practice in the techniques of organizing, leading, and participating in effective group discussions.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## CMM214 Storytelling and Culture (3)

Survey of storytelling as an audience-centered product of culture. Basic cultural concepts, reading, and research help students perform stories and convey cultural meanings to an audience. Each student's stories come from three different cultures.

Attributes: Liberal Arts; Diversity; GE3: DIVR, Effective Expression/Oral
Restrictions: Must be enrolled in the following level: Undergraduate
CMM293 Communication Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate
CMM295 Independent Study Communication (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
CMM299 Communication Modular (1-3; may be repeated for credit)
No description is available for this course.
Attributes: Liberal Arts
CMM302 Business and Professional Communication (3)
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 be enrolled in the following level: Undergraduate; May 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 ENG002 Minimum Grade of TD-

## CMM312 Multimedia Copy Editing and Layout (3)

Practical course in journalistic editing and design, with emphasis on producing publication-ready work for multimedia.

Attributes: Liberal Arts; Practicum/Non-clinical
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one or the following field(s) of study (major, minor or concentration): Journalism (523), Journalism (JRN), Public Relations (505R); May not be enrolled in the following class: Freshman
Prerequisites: DMJ230 Minimum Grade of C- or JRN230 Minimum Grade of C-
CMM315 Introduction to Public Relations (3)
A theoretical and practical introduction to the (1) role of public relations in an informationbased, democratic society and (2) skills involved in relaying information to and getting feedback from various publics. Focus on preparation of material, especially press releases, for editors in print and electronic media.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## CMM316 Public Relations Campaigns (3)

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: Liberal Arts; Service Learning
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following field(s) of study (major, minor or concentration): Public Relations (505R); May not be enrolled in the following class: Freshman
Prerequisites: (DMJ230 Minimum Grade of C- or JRN230 Minimum Grade of C-) or (CMM315 Minimum Grade of C- or JRN315 Minimum Grade of C-)

## CMM317 Social Media and Public Relations (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following field(s) of study (major, minor or concentration): Public Relations (505R); May not be enrolled in the following class: Freshman
Prerequisites: (DMJ230 Minimum Grade of C- or JRN230 Minimum Grade of C-) or (CMM315 Minimum Grade of C- or JRN315 Minimum Grade of C-)

## CMM325 Computer-Mediated Communication (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## CMM350 Human Communication Theory (3)

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 realworld scenarios. Attention given to links among theoretical paradigms, research methods, and practical applications.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Studies (505); Must be enrolled in one of the following classes: Senior, Junior

## CMM352 Qualitative Communication Research Methods (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following field(s) of study (major, minor or concentration): Communication Studies (505); Must be enrolled in one of the following classes: Senior, Junior

## CMM353 Persuasion \& Social Influence (3)

Analysis of social aspects of persuasion, cultural bases for belief, and theories of attitude change. Principles and processes of motivating human behavior in a variety of contexts.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## CMM354 Quantitative Communication Research Methods (3)

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: Liberal Arts; Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## CMM355 Nonverbal Communication (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## CMM357 Argumentation (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman

## CMM358 Conflict Management (3)

Exploration of antecedents, processes, and outcomes associated with conflict communication in friendships, courtships, marriages, divorces and the workplace.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

CMM359 Communication Among Cultures (3)
Understanding how culture shapes our perceptions and communication behaviors. Strategies for effective cross-cultural and intercultural communication.

Attributes: Liberal Arts; Diversity; GE3: DIVR, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

CMM360 Organizational Communication I (3)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## CMM379 Communication, Culture \& Difference (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: CMM359 Minimum Grade of C-
CMM393 Communication Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

CMM399 Communication Modular (1-3; may be repeated for credit)
No description is available for this course.

## CMM430 Training and Development (3)

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: Liberal Arts; Research, Service Learning
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following classifications: Junior, Senior

## CMM450 Negotiation (3)

Communication strategies for surviving conflicts in organizational settings. Analysis and application of theoretical models of conflict management.

## Attributes: Liberal Arts

Restrictions: May not be enrolled in the following class: Freshman

## CMM451 Political Communication (3)

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: May 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 ENG002 Minimum Grade of TD-

## CMM452 Communication and Gender (3)

Influences of gender on language, speech and communication pragmatics. Topics discussed within a variety of communication contexts.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
CMM454 Organizational Communication Seminar (4)
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: Liberal Arts; Writing Intensive; Information Management Advanced; Research
Restrictions: Must be enrolled in the following concentration: Organizational (505O); May not be enrolled in the following class: Freshman
Prerequisites: (CMM353 Minimum Grade of C- or CMM354 Minimum Grade of C- or CMM352 Minimum Grade of C-) and CMM360 Minimum Grade of C- and (ENG170 Minimum Grade of D- or ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG002 Minimum Grade of TD-)

CMM455 Interpersonal Communication Seminar (4)
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: Liberal Arts; Writing Intensive; Information Management Advanced
Restrictions: Must be enrolled in the following concentration: Interpersonal/Intercultural (505I); May not be
enrolled in the following class: Freshman
Prerequisites: (CMM353 Minimum Grade of C- or CMM354 Minimum Grade of C- or CMM352 Minimum Grade of C-) and (ENG170 Minimum Grade of D- or ENG180 Minimum Grade of D- or ENG206 Minimum Grade of Dor ENG207 Minimum Grade of D- or ENG002 Minimum Grade of TD-)

## CMM456 Proposals, Plans \& Projects (4)

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 proposal, business plans, as well as budgets and budget proposals.

Attributes: Liberal Arts, Writing Intensive; Information Management Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following field(s) of study (major, minor or concentration): Public Relations (505R); May not be enrolled in the following class:
Freshman

CMM490 Internship in Communication (1-12; may be repeated for credit) Internship in communication. Satisfactory/Fail.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Communication Studies (505); May not be enrolled in the following class: Freshman Corequisites: CMM491

CMM491 Internship Seminar (1 credit; may be repeated for 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Corequisites: CMM490
CMM493 Communication Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
CMM494 Fieldwork Communication (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

CMM495 Independent Study Communication (1-12; may be repeated for credit) No description is available for this course.

Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

CMM499 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

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## Creative Writing

The Department of English offers a Creative Writing concentration within the English major as well as a minor in Creative Writing.

The plan of study for the Creative Writing minor appears below. For information about the creative writing concentration of the English major, please see English.

## Minor in Creative Writing (19 credits)

## General Requirements:

- Composition credits (ENG160, ENG170, ENG180, ENG206, ENG207) do not count toward the Creative Writing minor.
- Courses taken $\mathrm{S}^{*} / \mathrm{U}^{*}$ (student-elected Satisfactory/Unsatisfactory) or graded below Cwill not count toward the minor.


## Literature courses

 8 credits*Two of the following:
ENG303 Introduction to British Literature (4)
ENG333 Introduction to American Literature (4)
ENG343 Transnational Literature (4)
ENG353 Multiethnic \& Diasporic Literature (4)
*NOTE: Transfer students may need to take additional credits in order to compensate for 3credit 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.

Creative Writing Workshops. .7 credits
ENG345 Creative Writing Workshop I (3)
ENG445 Creative Writing Workshop II (4)*
*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.

Craft course (taken only after passing the portfolio review)...... 4 credits
Choose at least one of the following:
ENG452 The Craft of Fiction (4)
ENG453 The Craft of Poetry (4)
ENG454 The Craft of Creative Nonfiction (4)
ENG455 The Craft of Dramatic Writing (4)
Course Descriptions and Faculty: Please see English.

## 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:
Rebecca Swenson
Department of Communication Disorders, HUM B2-B
Phone: 845-257-2348
Email: swensonr@newpaltz.edu

## 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.

Required core courses $\qquad$ .9 credits
CMD202 Deaf Culture \& Heritage (3)
Select two of the following (6 credits):
CMD101 Elementary American Sign Language 1 (3)
CMD102 Elementary American Sign Language 2 (3)
CMD203 Intermediate American Sign Language 1 (3)
CMD205 Intermediate American Sign Language 2 (3)

## Elective courses*

$\qquad$ 9 credits
Select three of the following:
ANT216 Language and Culture (3)
ANT407 Visual Anthropology (3)
CMD200 Survey of Communication Disorders (3) - not available for CMD majors
CMD203 Intermediate American Sign Language 1 (3), if not counted above
CMD205 Intermediate American Sign Language 2 (3), if not counted above
CMD306 Language Development in Children (3) - not available for CMD majors
CMD317 Audiology (3) - not available for CMD majors
CMM355 Nonverbal Communication (3)
CMM359 Communications Among Cultures (3)
DFS494 Deaf Studies Fieldwork
EDS340 Sociological \& Philosophical Foundations of Education (3)
EDS376 Expressive Arts in Education I (3) or EDS377 Expressive Arts in Education II (3)
EED370 Education of Diverse Populations (3) - Education students only
LIN413 Sociolinguistics (3)
PSY305 Psychology of Perception (3)
PSY402 Psychology of Language (3)
PSY403 Health Psychology (3)
SAB339 Ethiopia Deaf Study Abroad (3)
SED358 Education Across Borders (3)
SOC350 Introduction to Human Services (3)*
SPE106 Multiple Voices: Diversity in US Education (3)
*Students who have a major in Sociology with a concentration in Human Services (CHS) may count SOC444 and SOC481 in the elective category of the minor with a relevant internship (requires CHS and minor advisor approval).

## Course Descriptions

Deaf Studies is an interdisciplinary program whose courses are based in a variety of academic areas. Descriptions of courses based in Deaf Studies ("DFS" courses) appear below, as does a
contributing Study Abroad ("SAB") course. Courses based in other academic areas are listed here and described elsewhere in this catalog. Please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found.

## Subject codes for Deaf Studies courses:

ANT - Anthropology
CMD - Communication Disorders
CMM - Communication Studies
EDS - Educational Studies
EED - Elementary Education

LIN - Linguistics
PSY - Psychology
SED - Secondary Education
SOC - Sociology
SPE - Special Education

- ANT216 Language and Culture
- ANT407 Visual Anthropology
- CMD101 Elementary American Sign Language 1
- CMD102 Elementary American Sign Language 2
- CMD202 Deaf Culture and Heritage
- CMD203 Intermediate American Sign Language 1
- CMD306 Language Development in Children
- CMM355 Nonverbal Communication
- CMM359 Communication Among Cultures

DFS494 Deaf Studies Fieldwork (1-12): 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.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

- EDS340 Sociological and Philosophical Foundations of Education
- EDS376 Expressive Arts in Education
- EDS377 Expressive Arts in Education 2
- EED370 Education of Diverse Populations in Early Childhood \& Elementary School
- LIN413 Sociolinguistics
- PSY305 Psychology of Perception
- PSY402 Psychology of Language
- PSY403 Health Psychology


## SAB339 Ethiopia Deaf Study Abroad (3)

Students will study abroad in Ethiopia to work with the Ethiopian Deaf Community. They will be instructed via workshops, lectures, discussions, journal response writing, cross-cultural exchange and service learning fieldwork participation through the Visions NGO.
Attributes: Liberal Arts; International \& Domestic Travel Abroad

- SED358 Education Across Borders
- SOC350 Introduction to Human Services
- SOC444 Human Services Theory and Practice II
- SOC481 Fieldwork in Human Services II
- SPE106 Multiple Voices: Diversity in US Education

Faculty: Please see Communication Disorders.

## Digital Media Programs

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, in conjunction with the Department of Art History (School of Fine \& Performing Arts), an interdisciplinary minor in Film \& Video Studies.

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 \& Rhetoric or 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.

## Major in Digital Media Production (45-47 credits)

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

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.

## General Requirements:

- 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.

Required prerequisite courses.
10 credits
DMJ101 Media and Society (3) or DMJ205 Intro to Media Criticism (3)
DMJ215 Digital Storytelling (4)
DMJ319 Writing for Digital Media (3)
Required courses (must be taken before DMJ445)........................... 6 credits
DMJ224 Introduction to Media Programming \& Management (3)
DMJ203 Radio-Television Performance (3) or THE230 Introduction to Acting (3)
Additional required courses (must be taken sequentially, one per semester)..... 16 credits
DMJ320 Audio Production (4)
DMJ340 TV Studio Production (4)
DMJ440 Field Production (4)
DMJ445 Seminar in Digital Filmmaking (4)
Required elective courses.
9 credits
Choose three courses, at least two of which (6 credits) must be upper division (300- or 400level).

Required internship 4 credits
DMJ490 Internship in Digital Media \& Journalism (3) or DMJ461 Legislative Gazette (3) ${ }^{I}$ DMJ491 Internship Seminar (1)
${ }^{1}$ Students may earn up to 15 credits for an internship; however, only 3 credits can be counted toward the major.

Digital Media Production majors are strongly encouraged to minor in a discipline in the arts, sciences, or humanities. Such minors would include but are not limited to Anthropology, Art History, Asian Studies, Biology, Black Studies, Communication Studies, Economics, History, English, Geography, History, International Relations; languages: French, German, Italian Studies, Spanish; Latin American \& Caribbean Studies, Music, Philosophy, Physics, Political Science, Psychology, Religious Studies, Sociology, or Women's, Gender, and Sexuality Studies.

## Major in Digital Media Programming \& Management (45-47 credits)

*Credit total is based on a 3-credit internship (DMJ490) and corequisite 1-credit Internship Seminar (DMJ491).

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 45-47-credit plan of study. During the capstone, students will develop their own creative and business proposals and prototypes of digital media content distribution.

## General Requirements:

- 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.

Required Foundation courses........................................................ 9 credits
DMJ101 Media and Society (3)
CMM104 Public Speaking (3)
DMJ224 Introduction to Media Programming \& Management (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 \& Technology (3)
DMJ350 Media Research Methods (4)
DMJ434 Global Media (3)

## Required elective courses.

## 9-11 credits

Media theory, studies, and practice: Choose one of the following (3-4 credits):
DMJ321 Milestones in Documentary (3)
DMJ331 History of American TV (3)
DMJ343 Aesthetics \& Criticism of Television \& Web Video (3)
DMJ347 Media Ethics (3)
DMJ393 Digital Media \& Journalism Selected Topic
DMJ432 The Impacts of Television and Digital Culture (4)
DMJ452 Mass Media Law (3)
DMJ458 Capstone Seminar in Multimedia Reporting (4)
DMJ499 Digital Media \& Journalism Modular Course
Media production: Choose one of the following (3-4 credits):
DMJ300 Photojournalism I (3)

DMJ340 TV Studio Production (4)
DMJ388 Advanced Video Editing (3)
DMJ440 Field Production (4)
Business practice: Choose one of the following (3 credits)**:
BUS201 Financial Accounting (3)
BUS250 Principles of Management (3)
BUS271 Legal Environment of Business (3)
**Students pursuing a minor in Business must complete BUS201, BUS215, and BUS250.
Students pursuing the 4+1 MBA must complete BUS2O1 and BUS271.
Please consult the course catalog and your advisor for other requirements.
Required capstone
3 credits
DMJ444 Digital Media Convergence (3)
Required internship.............................................................. 4 credits*
DMJ490 Internship in Digital Media \& Journalism or DMJ461 Legislative Gazette
DMJ491 Internship Seminar (1)
*Total credits may exceed 4, depending upon the credit hours associated with the particular internship.

## Course Descriptions

## DMJ101 Media and Society (3)

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: Liberal Arts, GE4: Social Science, GE3: SSCI, Systematic Inquiry; Critical Thinking Introductory Restrictions: Must be enrolled in the following level: Undergraduate

DMJ203 Radio-Television Performance (3)
Theory and practice of performance using the technology of radio and television, including announcing, interviewing, newscasting, and discussion.

Attributes: Liberal Arts; Creative Works
Restrictions: Must be enrolled in the following level: Undergraduate

## DMJ205 Introduction to Media Criticism (3)

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: Liberal Arts; Critical Thinking Introductory
Restrictions: Must be enrolled in the following level: Undergraduate

## DMJ210 Investigating Journalism (3)

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: Liberal Arts; Critical Thinking Introductory
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## DMJ215 Digital Storytelling (4)

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.
This course may entail the borrowing of equipment from the Department of Digital Media and Journalism equipment room. Students who do not return equipment by the date due will be subject to a fee for each day the equipment is late. They will be held financially responsible for equipment that is lost or broken. A full description of the Department equipment policies and procedures will be posted in the equipment room and distributed with course syllabi.

Attributes: Information Management Introductory; Creative Works, Field Study, Research
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of 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)

## DMJ221 Introduction to Advertising (3)

Principles, practices, and theories of modern advertising communication ranging from planning and execution to research and social effects.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: (CMM101 Minimum Grade of C- or DMJ101 Minimum Grade of C-) or (CMM205 Minimum Grade of C- or DMJ205 Minimum Grade of C-)

## DMJ224 Introduction to Media Programming \& Management (3)

Principles, functions, and elements of media programming and management. Emphasis on broadcast, cable, and digital media. Analysis of traditional media business models and emerging programming and distribution models; law and regulation; marketing communications; audience research.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), Undeclared: Pre-Comm/Media (00CM)
Prerequisites: (CMM101 Minimum Grade of C- or DMJ101 Minimum Grade of C-) or (CMM205 Minimum Grade of C- or DMJ205 Minimum Grade of C-)

## DMJ230 Journalism I (4)

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.

This course may entail the borrowing of equipment from the Department of Digital Media and Journalism equipment room. Students who do not return equipment by the date due will be subject to a fee for each day the equipment is late. They will be held financially responsible for equipment that is lost or broken. A full description of the Department equipment policies and procedures will be posted in the equipment room and distributed with course syllabi.
Attributes: Liberal Arts; Information Management Introductory; Field Study, Research
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: (ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-) and (DMJ210 Minimum Grade of C-* or DMJ464 Minimum Grade of C-)
*May be taken at the same time
DMJ293 Digital Media/Journalism Selected Topics (1-12; may be repeated for credit) Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate
DMJ295 Independent Study Digital Media/Journalism (1-12; may be repeated for credit) No description is available for this course.

Restrictions: Must be enrolled in the following level: Undergraduate; ; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## DMJ300 Photojournalism I (3)

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. Camera required.

This course may entail the borrowing of equipment from the Department of Digital Media and Journalism equipment room. Students who do not return equipment by the date due will be subject to a fee for each day the equipment is late. They will be held financially responsible for equipment that is lost or broken. A full description of the Department equipment policies and procedures will be posted in the equipment room and distributed with course syllabi.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## DMJ305 Being Digital (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## DMJ313 Public Affairs Reporting (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one or the following field(s) of study (major, minor or concentration): Journalism (523), Journalism (JRN); May not be enrolled in the following class: Freshman
Prerequisites: DMJ230 Minimum Grade of C- or JRN230 Minimum Grade of C-

## DMJ314 Feature Writing (4)

Practice in writing non-fiction for publication.
This course may entail the borrowing of equipment from the Department of Digital Media and Journalism equipment room. Students who do not return equipment by the date due will be subject to a fee for each day the equipment is late. They will be held financially responsible for equipment that is lost or broken. A full description of the Department equipment policies and procedures will be posted in the equipment room and distributed with course syllabi.

Attributes: Liberal Arts, Writing Intensive; Field Study, Research
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one or the following field(s) of study (major, minor or concentration): Journalism (523), Journalism (JRN), Public Relations (505R); May not be enrolled in the following class: Freshman
Prerequisites: DMJ230 Minimum Grade of C- or JRN230 Minimum Grade of C-

## DMJ319 Writing for Digital Media (3)

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: Liberal Arts; Creative Works
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one or 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); May not be enrolled in the following class: Freshman
Prerequisites: (CMM101 Minimum Grade of C- or DMJ101 Minimum Grade of C-) and (ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C-)

## DMJ320 Audio Production (4)

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.

This course may entail the borrowing of equipment from the Department of Digital Media and Journalism equipment room. Students who do not return equipment by the date due will be subject to a fee for each day the equipment is late. They will be held financially responsible for equipment that is lost or broken. A full description of the Department equipment policies and procedures will be posted in the equipment room and distributed with course syllabi.

Attributes: Information Management Intermediate; Field Study
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Digital Media Management (552), Digital Media Production (551)
Prerequisites: (CMM101 Minimum Grade of C- or DMJ101 Minimum Grade of C-) or (CMM215 Minimum Grade of C- or DMJ215 Minimum Grade of C-)

## DMJ321 Milestones in Documentary (3)

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: Liberal Arts; Critical Thinking Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## DMJ323 Digital Media Content \& Technology (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Digital Media Management (552); May not be enrolled in the following class: Freshman
Prerequisites: (CMM224 Minimum Grade of C- or DMJ224 Minimum Grade of C-) and (CMM101 Minimum Grade of C- or DMJ101 Minimum Grade of C-)

## DMJ328 Arts Writing (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: (ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-) and (JRN230 Minimum Grade of C- or DMJ230 Minimum Grade of C-)

## DMJ331 History of American TV (3)

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
Restriction: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: (CMM101 Minimum Grade of C- or DMJ101 Minimum Grade of C-) or (CMM205 Minimum Grade of C- or DMJ205 Minimum Grade of C-)

## DMJ332 Journalism II (4)

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.

This course may entail the borrowing of equipment from the Department of Digital Media and Journalism equipment room. Students who do not return equipment by the date due will be subject to a fee for each day the equipment is late. They will be held financially responsible for
equipment that is lost or broken. A full description of the Department equipment policies and procedures will be posted in the equipment room and distributed with course syllabi.

Attributes: Liberal Arts, Writing Intensive; Information Management Intermediate; Field Study, Research Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Communication Studies (505), Journalism (523), Journalism (JRN); May not be enrolled in the following class: Freshman
Prerequisites: JRN230 Minimum Grade of C- or DMJ230 Minimum Grade of C-

## DMJ333 Radio Journalism (3)

Focus will be on developing skills for radio news reporting, including writing, field recording, interviewing, audio production and editing, including podcasting and other forms of audio for online news and digital media.

This course may entail the borrowing of equipment from the Department of Digital Media and Journalism equipment room. Students who do not return equipment by the date due will be subject to a fee for each day the equipment is late. They will be held financially responsible for equipment that is lost or broken. A full description of the Department equipment policies and procedures will be posted in the equipment room and distributed with course syllabi.

Attributes: Liberal Arts; Creative Works, Field Study, Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: (JRN230 Minimum Grade of C- or DMJ230 Minimum Grade of C-) or (DMJ319 Minimum Grade of C- or CMM319 Minimum Grade of C-)

## DMJ334 The Literature of Journalism (3)

An inquiry into the link between literary and journalistic forms of writing, especially in the twentieth century.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: JRN230 Minimum Grade of C- or DMJ230 Minimum Grade of C-

## DMJ340 TV Studio Production (4)

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.

This course may entail the borrowing of equipment from the Department of Digital Media and Journalism equipment room. Students who do not return equipment by the date due will be subject to a fee for each day the equipment is late. They will be held financially responsible for equipment that is lost or broken. A full description of the Department equipment policies and procedures will be posted in the equipment room and distributed with course syllabi.

Attributes: Information Management Intermediate; Creative Works
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Digital Media Production (551)
Prerequisites: (CMM319 Minimum Grade of C- or DMJ319 Minimum Grade of C-) and (CMM215 Minimum Grade of C- or DMJ215 Minimum Grade of C-)

## DMJ343 Aesthetics \& Criticism of Television and Web Video (3)

Analysis of major critical communication theories as they apply to television programming and web video.

Attributes: Liberal Arts; Writing Intensive; GE4: Humanities, GE3: HUM, Effective Expression/Written; Critical Thinking Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## DMJ347 Media Ethics (4)

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: Liberal Arts; Critical Thinking Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of 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 enrolled in the following class: Freshman

## DMJ350 Media Research Methods (4)

Theory, design, and analysis of research in mass media. Includes coverage of surveys, ratings, statistics, reporting, and computer usage.

Attributes: Liberal Arts; Research
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Digital Media Management (552), Journalism (523), Digital Media Production (551), Communication Studies (505); May not be enrolled in the following class: Freshman
Prerequisites: (CMM221 Minimum Grade of C- or DMJ221 Minimum Grade of C-) and (CMM224 Minimum Grade of C- or DMJ224 Minimum Grade of C-) and BUS325 Minimum Grade of C-

## DMJ388 Introduction to Digital Animation \& Visual Effects (3)

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: May not be enrolled in the following class: Freshman
Prerequisites: DMJ340 Minimum Grade of C-

## DMJ390 90 Minutes to Die: Film Noir (4)

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.

[^2]
## DMJ391 Screenwriting (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

DMJ393 Digital Media \& Journalism Selected Topic (1-12; may be repeated for credit) Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

DMJ399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; ; May not be enrolled in the following class: Freshman

## DMJ431 Advertising Sales (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Journalism (523), Communication Studies (505); May not be enrolled in the following class: Freshman Prerequisites: CMM221 Minimum Grade of C- or DMJ221 Minimum Grade of C-

## DMJ432 The Impacts of Television and Digital Culture (4)

Survey of research, concepts and problems associated with television viewing and digital media consumption. Interaction of media effects with uses and gratifications and construction of meaning.

Attributes: Liberal Arts, Writing Intensive; Critical Thinking Advanced, Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: (ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-) and (CMM101 Minimum Grade of Cor DMJ101 Minimum Grade of C- or CMM205 Minimum Grade of C- or DMJ205 Minimum Grade of C-)

## DMJ434 Global Media (3)

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: Liberal Arts; Critical Thinking Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: (CMM101 Minimum Grade of C- or DMJ101 Minimum Grade of C-) and (CMM224 Minimum Grade of C- or DMJ224 Minimum Grade of C-)

## DMJ440 Field Production (4)

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.

This course may entail the borrowing of equipment from the Department of Digital Media and Journalism equipment room. Students who do not return equipment by the date due will be subject to a fee for each day the equipment is late. They will be held financially responsible for equipment that is lost or broken. A full description of the Department equipment policies and procedures will be posted in the equipment room and distributed with course syllabi.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following field(s) of study (major, minor or concentration): Digital Media Production (551); May not be enrolled in the following class: Freshman
Prerequisites: (DMJ319 Minimum Grade of C- or CMM319 Minimum Grade of C-) and (DMJ320 Minimum Grade of C- or CMM320 Minimum Grade of C-) and (DMJ340 Minimum Grade of C- or CMM340 Minimum Grade of C-)

## DMJ444 Digital Media Convergence (4)

Covers recent trends in digital media convergence, including content and technologies, and business trends including media regulation and legal issues. Develop business proposals, presentations, and prototypes of content portals or micro-networks for targeted, niche audiences.

Attributes: Creative Works, Entrepreneurship, Research
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Digital Media Management (552); May not be enrolled in the following class: Freshman
Prerequisites: (DMJ224 Minimum Grade of C- or CMM224 Minimum Grade of C-) and (DMJ215 Minimum Grade of C- or CMM215 Minimum Grade of C-) and (DMJ323 Minimum Grade of C- or CMM323 Minimum Grade of C-)

## DMJ445 Seminar in Digital Filmmaking (4)

Emphasis on documentary and short narrative film creation for capstone experience.
This course may entail the borrowing of equipment from the Department of Digital Media and Journalism equipment room. Students who do not return equipment by the date due will be subject to a fee for each day the equipment is late. They will be held financially responsible for equipment that is lost or broken. A full description of the Department equipment policies and procedures will be posted in the equipment room and distributed with course syllabi.
Attributes: Information Management Advanced; Creative Works, Field Study, Research
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following field(s) of study (major, minor or concentration): Digital Media Production (551); May not be enrolled in the following class: Freshman
Prerequisites: CMM440 Minimum Grade of C- or DMJ440 Minimum Grade of C-

## DMJ452 Mass Media Law (3)

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: Liberal Arts; Critical Thinking Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## DMJ453 Multimedia Editing \& Publishing: The Little Rebellion (4)

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.
This course may entail the borrowing of equipment from the Department of Digital Media and Journalism equipment room. Students who do not return equipment by the date due will be subject to a fee for each day the equipment is late. They will be held financially responsible for equipment that is lost or broken. A full description of the Department equipment policies and procedures will be posted in the equipment room and distributed with course syllabi.
Attributes: Liberal Arts; Practicum/Non-Clinical
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following field(s) of study (major, minor or concentration): Journalism (523), Journalism (JRN); May not be enrolled in the following class: Freshman
Prerequisites: DMJ215 Minimum Grade of C- and DMJ332 Minimum Grade of C-

## DMJ458 Capstone Seminar in Multimedia Reporting (4)

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.

This course may entail the borrowing of equipment from the Department of Digital Media and Journalism equipment room. Students who do not return equipment by the date due will be subject to a fee for each day the equipment is late. They will be held financially responsible for equipment that is lost or broken. A full description of the Department equipment policies and procedures will be posted in the equipment room and distributed with course syllabi.

Attributes: Liberal Arts; Information Management Advanced; Creative Works, Entrepreneurship, Field Study, Research
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following field(s) of study (major, minor or concentration): Journalism (523); May not be enrolled in one of the following classes: Freshman, Sophomore
Prerequisites: DMJ215 Minimum Grade of C- and DMJ332 Minimum Grade of C-
DMJ461 Legislative Gazette I (1-12; may be repeated for credit)
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 be enrolled in the following level: Undergraduate; Must be enrolled in one of 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); Must be enrolled in one of the following classes: Junior, Senior
Prerequisites: DMJ491 Minimum Grade of C-* or POL485 Minimum Grade of C-*
*May be taken at the same time
DMJ470 Ottaway Seminar (1-4; may be repeated for credit)
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, sportswriters, and high-ranking editors.
This course may entail the borrowing of equipment from the Department of Digital Media and Journalism equipment room. Students who do not return equipment by the date due will be subject to a fee for each day the equipment is late. They will be held financially responsible for equipment that is lost or broken. A full description of the Department equipment policies and procedures will be posted in the equipment room and distributed with course syllabi.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Journalism (523); Must be enrolled in one of the following classes: Senior, Junior

## DMJ475 Picture Culture (4)

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: Liberal Arts; Writing Intensive; Critical Thinking Advanced
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

DMJ490 Internship in Digital Media/Journalism (1-12; may be repeated for credit) Internship in electronic media, advertising or journalism. Satisfactory/Fail.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Digital Media Management (552), Digital Media Production (551), Journalism (523), Journalism (JRN); May not be enrolled in the following class: Freshman
Prerequisites: DMJ491 Minimum Grade of C-*
*May be taken at the same time
DMJ491 Internship Seminar (1; may be repeated for 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 be enrolled in the following level: Undergraduate; May 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
DMJ493 Digital Media/Journalism Selected Topics (1-12; may be repeated for credit) Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

DMJ495 Indep Study Digital Media/Journalism (1-12; may be repeated for credit) No description is available for this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

DMJ499 Digital Media/Journalism Modular Course (1-3; may be repeated for credit) No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

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## Disaster Studies

Web address: 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 these 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 (18 credits)

Required core courses
6 credits
PSY456 Disaster Psychology (3)
PSY497 Practicum in Psychology: Disaster Studies (3) - 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.

Additional core courses 9 credits
Students are encouraged to complete at least one core course that focuses on developing multicultural competence.

Choose at least three (3) courses from Category II:
ANT214 Cultural Anthropology (3)
ANT250 Ecological Anthropology (3)
BLK100 Introduction to Black Studies (3)
BLK271 Black Sociology (3)
BLK285 Introduction to African Psychology: A Cultural Approach (3)
GEO201 Human Geography (3)
GEO231 Geography of Hazards (3)
The following Category II courses have prerequisites or restrictions:
ANT403 Religion and Culture (3)
ANT481 Transcultural Health (3)
CMM359 Communication Among Cultures (3)
GEO341 Introduction to Geographic Information Systems (4)
POL310 Public Management (3)
POL318 Local Politics (3)
POL319 Politics and Media (3)
PSY330 Crisis Intervention (4)
PSY403 Health Psychology (3)
PSY440 Clinical and Counseling Psychology (3)
PSY497 Practicum in Psychology: Disaster Studies (3) - repeatable course
SOC350 Introduction to Human Services (3)
Elective courses. 3 credits
Choose at least one (1) course from the Category III list below or one additional course from Category II above.
BUS250 Principles of Management (3)
CMM202 Interpersonal Communication (3)
SOC220 Social Inequality in the U.S. (3)
The following Category III courses have prerequisites or restrictions:
BLK420 Counseling Underrepresented Students (3)
CMM358 Conflict Management (3)
PSY306 Social Psychology (3)
SOC323 Death in American Society (3)
SOC370 Sociology of Families (3)
SOC431 Mass Media and Culture (3)

## Course Descriptions

Disaster Studies is an interdisciplinary program whose courses are based in a variety of academic areas. For descriptions of the courses listed above, please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found:

| ANT - Anthropology | CMM - Communication | POL - Political Science |
| :--- | :---: | :--- |
| BLK - Black Studies | Studies | PSY - Psychology |
| BUS - Business | GEO - Geography | SOC - Sociology |

## Economics

Phone: (845) 257-2969
Fax: (845) 257-3581
Location: Jacobson Faculty Tower, Room 814
Web address: www.newpaltz.edu/economics
The Department of Economics offers a program leading to a Bachelor of Arts or a Bachelor of Science in Economics. It is designed to prepare students for careers in private and public sectors, non-profit organizations, and for graduate work in economics and business administration.

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 tracks. 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.

## Major in Economics (42-43 credits)

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

Core requirements .27 credits
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)

## Concentration requirements.

.15-16 credits
All students must select one of the following concentrations:

## General Economics ( $\mathbf{1 5 - 1 6}$ credits)

Any five (5) upper-division Economics courses

## Business Economics (17-16 credits)

Select three (3) of the following:
ECO303 Money and Banking (3)
ECO304 Public Finance (3)
ECO312 Labor Economics and Labor Relations (3)
ECO404 Industrial Organization (3)
PLUS:
Two (2) additional upper-division Economics courses (6-7)

## International Economics (15-16 credits)

Select three (3) of the following:
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)
PLUS:
Two (2) additional upper-division Economics courses (6-7)

## Minor in Economics (General): 15-18 credits*

## Required courses:

ECO206 Principles of Microeconomics (3)
ECO207 Principles of Macroeconomics (3)
and three additional upper-division economics courses not used toward other degrees (9-12 credits)
*A grade of C - or better is required in all courses taken toward the Economics minor.

## Course Descriptions

ECO100 American Economic Development (3)
A comprehensive chronology of American economic development from the colonial period to the present. Examination of institutional and structural changes in the process of growth. Assessment of unity and diversity in American society and how these forces have affected different groups. Analysis of evolution of America's economic relations with the rest of the world in light of contemporary globalization issues and the emerging world order.
Attributes: Liberal Arts; GE4: United States Studies, Critical Thinking Introductory; GE3: USST, Systematic Inquiry

## ECO101 Feminist Perspectives on Economics (3)

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: Liberal Arts; Diversity; Critical Thinking Introductory, Information Management Introductory; GE3: DIVR, Information Literacy
Restrictions: Must be enrolled in the following level: Undergraduate

## ECO130 Economics of Globalization (3)

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: Liberal Arts; GE4: World Civilizations, Critical Thinking Introductory, Information Management Introductory; GE3: WRLD, Systematic Inquiry

ECO193 Economics Selected Topics (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## ECO206 Principles of Microeconomics (3)

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: Liberal Arts; GE4: Social Science, Critical Thinking Introductory; GE3: SSCI, Systematic Inquiry Prerequisites: Math Placement Level 3 or MAT151 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-

## ECO207 Principles of Macroeconomics (3)

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: Liberal Arts; GE4: Social Science, Critical Thinking Introductory; GE3: SSCI, Systematic Inquiry Prerequisites: Math Placement Level 3 or MAT151 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-

ECO293 Economics Selected Topics (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate
ECO303 Money and Banking (3)
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: Liberal Arts; Critical Thinking Intermediate; Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ECO206 Minimum Grade of C - and ECO207 Minimum Grade of C-

## ECO304 Public Finance (4)

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: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate; Research Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ECO206 Minimum Grade of C-

## ECO306 Intermediate Microeconomics (3)

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: Liberal Arts; Critical Thinking Intermediate, Information Management Introductory; Research Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: ECO206 Minimum Grade of C-

## ECO307 Intermediate Macroeconomics (3)

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: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate; Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ECO207 Minimum Grade of C-

## ECO309 Economic Development of Latin America (3)

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: Liberal Arts; Critical Thinking Introductory, Information Management Introductory; Research
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ECO207 Minimum Grade of C- or ECO206 Minimum Grade of C-

## ECO310 Economic Development of Asia-Pacific (3)

The economic rise of the Asia-Pacific region in the world economy in 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: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate; Research
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ECO207 Minimum Grade of C- or ECO206 Minimum Grade of C-

## ECO311 Economics for Engineers (3)

Application of economic theory to examine the nature and functioning of global product markets with a focus on the science and technology sector. Examination of production costs under various market structures, externalities and regulations. Principals of engineering economics and decision making.
Attributes: Liberal Arts; GE4: Social Science,GE3: SSCI, Systematic Inquiry
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: MAT251 Minimum Grade of C-

## ECO312 Labor Economics and Labor Relations (4)

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: Liberal Arts; Critical Thinking Intermediate; Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: ECO206 Minimum Grade of C-

## ECO351 History of Economic Thought (3)

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: Liberal Arts; GE4: Western Civilization, Critical Thinking Intermediate, Information Management Introductory; GE3: WEST, Ethical Reflection, Systematic Inquiry<br>Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman<br>Prerequisites: ECO206 Minimum Grade of C- or ECO207 Minimum Grade of C-

ECO393 Economics Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

[^3]Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ECO401 International Trade and Finance (3)

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: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate; Research Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ECO206 Minimum Grade of C- or ECO207 Minimum Grade of C-

## ECO404 Industrial Organization (4)

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: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate; Research
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ECO206 Minimum Grade of C-

## ECO405 Economics of Energy (3)

Global and U.S. market forces affecting supply and demand of energy. Current thinking on energy economics, regulations of energy market, oil, gas, electricity, coal, alternative sources of energy, economics of petrochemical industry, and environmental issues. These subjects link actual markets with economic models of the firm and industry.
Attributes: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate; Research Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ECO206 Minimum Grade of C-

## ECO418 Economics of Development (3)

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: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate; Research Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ECO206 Minimum Grade of C- or ECO207 Minimum Grade of C-

## ECO425 Managerial Economics (3)

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: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ECO206 Minimum Grade of C- or ECO207 Minimum Grade of C- and BUS309 Minimum Grade of C-

## ECO430 Monetary Economics (4)

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: Liberal Arts; Critical Thinking Intermediate; Research
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ECO207 Minimum Grade of C-

## ECO435 Econometrics (3)

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: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ECO206 Minimum Grade of C- and ECO207 Minimum Grade of C- and BUS309 Minimum Grade of C- and BUS311 Minimum Grade of C-

## ECO450 Senior Seminar in Economics (3)

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: Liberal Arts, Writing Intensive; Critical Thinking Advanced, Information Management Advanced; Creative Works, Research
Restrictions: Must be enrolled in one of the following majors: Economics (540), Economics - ITU (540U); Must be enrolled in the following class: Senior
Prerequisites: ECO306 Minimum Grade of C- and ECO307 Minimum Grade of C- and ECO435 Minimum Grade of C-

ECO493 Economics Selected Topics (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ECO494 Fieldwork in Economics (1-12)

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Economics (540); Must be enrolled in one of the following classifications: Junior, Senior; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ECO495 Independent Study in Economics (1-12; may be repeated for credit) No description is available for this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

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## English

Phone: (845) 257-2720
Location: Jacobson Faculty Tower, Room 714
Web address: www.newpaltz.edu/english

The Department of English offers several programs designed to give students a knowledge of their linguistic, literary and cultural heritage and to develop their skills as writers and critics. Each of the tracks within the major has its own requirements. These programs prepare students for careers in teaching, publishing, communications, and public and private administration. They 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 major 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, ENG170, ENG180, ENG206, ENG207) do not count toward the major, nor do courses taken under the $\mathrm{S}^{*} / \mathrm{U}^{*}$ (Satisfactory/Unsatisfactory) option.

## Major in English

## General Requirements:

- At least one-half of the English major must be completed at New Paltz.
- Composition credits (ENG160, ENG170, ENG180, ENG206, ENG207) do not count toward the major requirement.
- Courses taken $S^{*} / \mathrm{U}^{*}$ (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)

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Foundational courses
16 credits
ENG300 Seminar in Critical Practices (4)
ENG303 Introduction to British Literature (4)
ENG333 Introduction to American Literature (4)
and one of the following:
ENG343 Transnational Literature (4)
ENG353 Multiethnic & Diasporic Literature (4)
Theory requirement
4 credits
One of the following:
ENG420 Literary Criticism (4)
ENG423 Contemporary Literary Theory (4)
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Capstone course. 4 credits
ENG451 Senior Seminar (4)
English electives.
13-16 credits
One of the following upper-division courses in literature before 1800 (3-4 credits):
ENG355 The Bible (4)
ENG404 Medieval Literature (4)
ENG405 Elizabethan Literature (4)
ENG406 Shakespeare I: Selected Works (4)
ENG407 Shakespeare II: Selected Works (4)
ENG408 Seventeenth-Century English Literature (4)
ENG413 Eighteenth-Century English Literature (4)
ENG414 The Rise of the Novel (4)
ENG425 The Epic Tradition (4)
ENG435 Early American Literature (4)
ENG470 Major Authors (4), if appropriate
ENG493 Selected Topics (4), if appropriate
plus one of the following upper-division courses in literature before 1900 (3-4 credits):
ENG355 The Bible (4)
ENG404 Medieval Literature (4)
ENG405 Elizabethan Literature (4)
ENG406 Shakespeare I: Selected Works (4)
ENG407 Shakespeare II: Selected Works (4)
ENG408 Seventeenth-Century English Literature (4)
ENG413 Eighteenth-Century English Literature (4)
ENG414 The Rise of the Novel (4)
ENG415 Nineteenth-Century English Novel (4)
ENG417 The Romantics in England (4)
ENG418 Victorian Literature (4)
ENG435 Early American Literature (4)
ENG436 Nineteenth-Century American Literature (4)
ENG437 The American Renaissance (4)
ENG469 Literature \& Culture in the Age of Darwin (4)
ENG470 Major Authors (4), if appropriate
ENG493 Selected Topics (4), if appropriate
plus one 400-level course in English (4 credits), excluding ENG445, ENG448, ENG452, ENG453, ENG454, ENG455
and one additional course in English (3-4 credits), excluding ENG160, ENG170, ENG180, ENG206, ENG207, ENG224, ENG226, ENG345, ENG348, ENG445, ENG448, ENG452, ENG453, ENG454, ENG455

Major in English with concentration in Creative Writing (38-39 credits)

Required foundational courses. 12 credits
ENG303 Introduction to British Literature (4)
ENG333 Introduction to American Literature (4)
and one of the following courses:
ENG343 Transnational Literature (4)
ENG353 Multiethnic \& Diasporic Literature (4)
Introductory creative writing workshops .7 credits
ENG345 Creative Writing Workshop I (3)
ENG445 Creative Writing Workshop II (4)*
*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.

Craft courses (taken only after passing the portfolio review).......... 8 credits
Choose at least two of the following:
ENG452 The Craft of Fiction (4)
ENG453 The Craft of Poetry (4)
ENG454 The Craft of Creative Nonfiction (4)
ENG455 The Craft of Dramatic Writing (4)
Elective courses.
11-12 credits
Two 400-level courses in English (8 credits), excluding ENG452, ENG453, ENG454, ENG455 plus
one 300-level or above course in English (3-4 credits), excluding ENG348, ENG452, ENG453, ENG454, ENG455

## Minor in Creative Writing: See Creative Writing

## Minor in English (19-20 credits)

## General Requirements:

- Composition credits (ENG160, ENG170, ENG180, ENG206, ENG207) do not count toward the English minor.
- Courses taken $\mathrm{S}^{*} / \mathrm{U}^{*}$ (student-elected Satisfactory/Unsatisfactory) or graded below Cwill not count toward the minor.


## Required courses

$\qquad$ 8 credits
ENG303 Introduction to British Literature (4)
ENG333 Introduction to American Literature (4)

Three elective courses in English or Linguistics, excluding ENG160, ENG170, ENG180, ENG206, ENG207, ENG224, ENG226, ENG448, ENG452, ENG453, ENG454, ENG455. At least two English courses must be at the 400 level, and one must be in literature before 1800 .
*NOTE: 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.

## 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, ENG170, ENG180, ENG206, ENG207). 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 college transcript.

## Course Descriptions

## ENG160 Composition I (3)

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: Liberal Arts; Initial College-Level English, Information Management Introductory; GE3: Composition 1, Information Literacy
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the
Satisfactory/Unsatisfactory grade option for this course

## ENG170 Writing \& Rhetoric (4)

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: Liberal Arts; GE4: Basic Communication, Information Management Introductory; Information Literacy Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course
Prerequisites: English Placement Level 4 or ENG160 Minimum Grade of D-

## ENG180 Composition II (3)

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: Liberal Arts; Information Management Introductory; GE3: Composition 2, Information Literacy Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course
Prerequisites: ENG160 Minimum Grade of D- or English Placement Level 4
ENG193 English Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate
ENG199 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate
ENG200 Analysis and Interpretation of Literature (3)
Introduction to close reading of literature, including prose and poetry.
Attributes: Liberal Arts, Writing Intensive; GE4: Humanities; GE3: HUM, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG206 Advanced Writing \& Rhetoric (4)

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: Liberal Arts, GE4: Basic Composition, GE3: Composition 2, Information Literacy
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: ENG160 Minimum Grade of B or English Placement Level 5

## ENG207 Intermediate Composition (3)

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 be enrolled in the following level: Undergraduate
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG210 Great Books Western (3)

Examination of Great Books which have shaped cultures and values, or represent ways of life in the Western tradition in classical, medieval, and modern times, such as Iliad, Aeneid, Bible, Divine Comedy, Don Quixote, Faust.

Attributes: Liberal Arts, GE4: Western Civilization, GE3: WEST, Effective Expression/Written, Ethical Reflection Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: ENG160 Minimum Grade of C- or English Placement Level 4 or ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG211 Great Books Asian Classics (3)

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: Liberal Arts, GE4: World Civilizations, GE3: WRLD, Effective Expression/Written, Ethical Reflection Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: ENG160 Minimum Grade of C- or English Placement Level 4

## ENG224 Expository Writing (3)

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 be enrolled in the following level: Undergraduate
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG226 Practical Grammar (3)

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 be enrolled in the following level: Undergraduate
Prerequisites: ENG160 Minimum Grade of C- or English Placement Level 4

## ENG230 Women In Literature (3)

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: Liberal Arts, GE4: Humanities, GE3: HUM, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG231 American Woman Writers $20^{\text {th }}$ Century (3)

Analysis of a 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: Liberal Arts, Writing Intensive, Diversity; GE3: DIVR, Effective Expression/Written, Ethical Reflection Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of Cor ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG250 Shakespeare our Contemporary (3)

A study of selected, representative plays by William Shakespeare. Some emphasis on Shakespeare's impact on stage, films, and popular literature.
Attributes: Liberal Arts, GE4: Humanities, GE3: HUM, Effective Expression/Written, Systematic Inquiry Restrictions: Must be enrolled in the following level: Undergraduate

Prerequisites: ENG160 Minimum Grade of C- or ENG170 Minimum Grade of C-* or ENG180 Minimum Grade of C-* or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-
*May be taken at the same time

## ENG255 Contemporary Issues and Literature (3)

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: Liberal Arts, Diversity; GE3: DIVR, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: ENG160 Minimum Grade of C- or English Placement Level 4 or ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG002 Minimum Grade of TC-

ENG293 English Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate
ENG295 Indep Study English (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ENG299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## ENG300 Seminar in Critical Practices (4)

Course explores a significant theoretical or methodological approach to literary and cultural studies to provide an introduction to advanced critical practices.

Attributes: Liberal Arts, Writing Intensive; Critical Thinking Introductory, Information Management Introductory Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG303 Intro to British Literature (4)

Introduction to traditions of British literature through an exploration of a range of writers from several historical periods.

Attributes: Liberal Arts; Critical Thinking Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG305 Science Fiction (3)

Study of the genre from its beginnings in the nineteenth century to its recent directions in the twenty-first.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG306 Modern Fantasy (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG307 The Novel (3)

The novel as a genre through reading of both contemporary and classic novels.
Attributes: Liberal Arts, Writing Intensive; GE4: Humanities, GE3: HUM, Effective Expression/Written, Ethical Reflection
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG308 Short Story (3)

The short story as a genre through reading of both contemporary and classic short stories.
Attributes: Liberal Arts, Writing Intensive; GE4: Humanities, GE3: HUM, Effective Expression/Written, Ethical Reflection
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG310 Studies in Drama (3)

An introduction to drama as a literary genre through reading of both contemporary and classic plays.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG327 Development of Modern English (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG333 Intro to American Literature (4)

Introductions to traditions of American Literature through an exploration of a range of writers from several historical periods.

Attributes: Liberal Arts; Critical Thinking Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG343 Transnational Literature (4)

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: Liberal Arts; Critical Thinking Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG345 Creative Writing Workshop I (3)

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: Liberal Arts; Critical Thinking Introductory, Information Management Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

ENG346 Writer-in-Residence Workshop (1; may be repeated for 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG348 Dramatic Writing Stage and Screen (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG353 Multiethnic and Diasporic Literature (4)

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: Liberal Arts; Critical Thinking Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG355 The Bible (4)

The Bible as a record of the spiritual and intellectual history of the Hebrew-Christian tradition, including myth, legend, law, history, political and moral thought, philosophy, and poetry.

Attributes: Liberal Arts; GE4: Western Civilization, GE3: WEST, Ethical Reflection
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

ENG356 Greek and Roman Literature (3)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG361 European Literature (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG366 Contemporary Ethnic Literature of the United States (3)

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: Liberal Arts, Diversity; GE3: DIVR, Effective Expression/Written, Information Literacy
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG368 The Jewish American Experience in Literature and Film (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG372 Fiction into Film (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## ENG385 Theories of Writing (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

ENG393 English Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

ENG399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

ENG404 Medieval Literature (4)
A survey of the representative literary genres of Medieval Europe with special reference to England.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG301 Minimum Grade of C- or ENG303 Minimum Grade of C-

## ENG405 Elizabethan Literature (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG301 Minimum Grade of C- or ENG303 Minimum Grade of C-

## ENG406 Shakespeare I: Selected Works (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG301 Minimum Grade of C- or ENG302 Minimum Grade of C- or ENG303 Minimum Grade of C-

## ENG407 Shakespeare II: Selected Works (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG301 Minimum Grade of C- or ENG302 Minimum Grade of C- or ENG303 Minimum Grade of C-

ENG408 Seventeenth-Century Literature (4)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG301 Minimum Grade of C- or ENG303 Minimum Grade of C-

ENG413 Eighteenth-Century English Literature (4)
Readings from some of the following: satirists Swift, Gay, Pop the first novelists: Defoe, Fielding, Stern biographers: Johnson, Boswell.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG302 Minimum Grade of C- or ENG303 Minimum Grade of C-

## ENG414 The Rise of the Novel (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG302 Minimum Grade of C- or ENG303 Minimum Grade of C-

## ENG415 Nineteenth-Century English Novel (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG302 Minimum Grade of C- or ENG303 Minimum Grade of C-
ENG417 The Romantics in England (4)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG302 Minimum Grade of C- or ENG303 Minimum Grade of C-

## ENG418 Victorian Literature (4)

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<br>Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman<br>Prerequisites: ENG302 Minimum Grade of C- or ENG303 Minimum Grade of C-

## ENG419 Twentieth-Century British Literature (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG302 Minimum Grade of C- or ENG303 Minimum Grade of C-

## ENG420 Literary Criticism (4)

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: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ENG300 Minimum Grade of C-

## ENG423 Contemporary Literary Theory (4)

An introduction to literary theory in the twentieth and twenty-first centuries, including New Criticism, Marxism, Psychoanalysis, Gender Studies, New Historicism, and Postcolonialism.

Attributes: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ENG301 Minimum Grade of C- or ENG302 Minimum Grade of C- or ENG331 Minimum Grade of C- or ENG332 Minimum Grade of C- or ENG300 Minimum Grade of C-

## ENG425 The Epic Tradition (4)

The epic and saga as they have evolved from myth and legend. Archetypal heroes; heroic action; cosmology.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: ENG301 Minimum Grade of C- or ENG302 Minimum Grade of C- or ENG331 Minimum Grade of C- or ENG332 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-

## ENG426 The Twentieth-Century British Novel (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: ENG302 Minimum Grade of C- or ENG303 Minimum Grade of C-

## ENG427 Contemporary Literature from 1945 (4)

Readings in the major works of recent British and American poets and novelists.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: ENG302 Minimum Grade of C- or ENG332 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C- or ENG353 Minimum Grade of C-

ENG428 After Postmodernism: Twenty-First Century Literature (4)
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: May not be enrolled in the following class: Freshman
Prerequisites: ENG302 Minimum Grade of C- or ENG332 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C-

## ENG430 Postcolonial Literature (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG302 Minimum Grade of C- or ENG343 Minimum Grade of C- or ENG353 Minimum Grade of C-

## ENG435 Early American Literature (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: ENG331 Minimum Grade of C- or ENG333 Minimum Grade of C-

ENG436 Nineteenth-Century American Literature (4)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG331 Minimum Grade of C- or ENG333 Minimum Grade of C-

## ENG437 The American Renaissance (4)

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: May not be enrolled in the following class: Freshman
Prerequisites: ENG331 Minimum Grade of C- or ENG332 Minimum Grade of C- or ENG333 Minimum Grade of C-

## ENG439 Twentieth-Century American Novel (4)

Representative works by major American novelists of the twentieth century.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:

Freshman
Prerequisites: ENG332 Minimum Grade of C- or ENG333 Minimum Grade of C-

ENG440 The Beats (4)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG331 Minimum Grade of C- or ENG332 Minimum Grade of C- or ENG333 Minimum Grade of C-

## ENG445 Creative Writing Workshop II (4)

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: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG345 Minimum Grade of C-

## ENG448 Writing the Novel (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: ENG345 Minimum Grade of C- or ENG445 Minimum Grade of C-

## ENG450 Seminar in Poetry (4)

Analysis of individual poems and discussions of poetic genres.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG301 Minimum Grade of C- or ENG302 Minimum Grade of C- or ENG331 Minimum Grade of C- or ENG332 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-

ENG451 Senior Seminar (4; may be repeated for credit)
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: Liberal Arts; Critical Thinking Advanced, Information Management Advanced; Creative Works, Research
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: English (522); Must be enrolled in the following class: Senior
Prerequisites: ENG300 Minimum Grade of C-

## ENG452 The Craft of Fiction (4)

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: Liberal Arts; Critical Thinking Advanced, Information Management Advanced; Creative Works
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG345 Minimum Grade of C- and ENG445 Minimum Grade of C-

## ENG453 The Craft of Poetry (4)

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: Liberal Arts; Critical Thinking Advanced, Information Management Advanced; Creative Works Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG345 Minimum Grade of C- and ENG445 Minimum Grade of C-

## ENG454 The Craft of Creative Non Fiction (4)

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: Liberal Arts; Critical Thinking Advanced, Information Management Advanced; Creative Works Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG345 Minimum Grade of C- and ENG445 Minimum Grade of C-

## ENG455 The Craft of Dramatic Writing (4)

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: Liberal Arts; Critical Thinking Advanced, Information Management Advanced; Creative Works Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG345 Minimum grade of C- and ENG445 Minimum grade of C-

## ENG460 Classic Juvenile Fantasy Literature (4)

Classics in juvenile (ages 8-15) fantasy literature from Alice in Wonderland to Harry Potter.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG301 Minimum Grade of C- or ENG302 Minimum Grade of C- or ENG331 Minimum Grade of C- or ENG332 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C-

ENG465 Young Adult Literature (4)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG301 Minimum Grade of C- or ENG302 Minimum Grade of C- or ENG331 Minimum Grade of C- or ENG332 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG333 Minimum Grade of C- or ENG353 Minimum Grade of C-

## ENG468 Literature, Evolution, and the Brain (4)

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: May not be enrolled in the following class: Freshman
Prerequisites: ENG301 Minimum Grade of C- or ENG302 Minimum Grade of C- or ENG300 Minimum Grade of C- or ENG303 Minimum Grade of C- or ENG331 Minimum Grade of C- or ENG332 Minimum Grade of C- or ENG333 Minimum Grade of C- or ENG343 Minimum Grade of C- or PSY307 Minimum Grade of C- or BIO135 Minimum Grade of C- or EVO301 Minimum Grade of C-

## ENG469 Literature and Culture in the Age of Darwin (4)

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: May 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-

ENG470 Major Authors (4; may be repeated for credit)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG301 Minimum Grade of C- or ENG302 Minimum Grade of C- or ENG331 Minimum Grade of C- or ENG332 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-

## ENG473 Twentieth-Century Word and Image (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:

Freshman
Prerequisites: ENG301 Minimum Grade of C- or ENG302 Minimum Grade of C- or ENG331 Minimum Grade of C- or ENG332 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-

## ENG476 Graphic Literature (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG301 Minimum Grade of C- or ENG302 Minimum Grade of C- or ENG331 Minimum Grade of C- or ENG332 Minimum Grade of C-

## ENG477 Literature of the Holocaust (4)

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: May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

ENG493 English Selected Topics (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

ENG494 Fieldwork in English (1-12; may be repeated for credit) No description is available for this course.

Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

ENG495 Indep Study English (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

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## Environmental Studies

Web address: www.newpaltz.edu/environmentalstudies
The Environmental Studies minor is an interdisciplinary program which 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 Anthropology, Chemistry, Geography, Geology, Mathematics, Political Science and Sociology.

For more information about this minor, please contact the program director:
Larry McGlinn, Associate Professor
Department of Geography
mcglinnl@newpaltz.edu
845-257-2696

## Minor in Environmental Studies (21-24 credits)

Environmental Studies. $\qquad$ 3 credits
GEO203 People-Environments Geography (3)
Social Science. 6 credits
Two courses chosen from the following:
ANT250 Ecological Anthropology (3)
GEO201 Human Geography (3)
POL347 Politics of Environment and Development (3) or POL311 American Environmental Politics (3)
SOC317 Environmental Sociology (3) or SOC450 Sociology of Food \& Agriculture (3)
Environmental Science. $\qquad$ 6-8 credits from two different disciplines
BIO120 Global Change Biology (3)
CHE100 Environmental Chemistry (3) or CHE201 General Chemistry I (3) and CHE211
General Chemistry I Lab (1)
GLG205 Environmental Geology (4) or GLG201 Physical Geology (3) and GLG211 Physical Geology Lab (1)

## Social Science/Humanities elective........... 3 credits

Choose one course from the following:
ANT481 Transcultural Health (3)
GEO431 Natural Resources: Utilization \& Management (3)
PHI303 Environmental Ethics (3)
GEO333 Advanced People-Environments Geography (3)

## GEO331 Gender \& Environment (3)

or
any Social Science course listed above

## Natural Science/Mathematics elective.......3-4 credits

Choose one course from the following:
EGG250 Energy and the Environment (3)
GEO202 Physical Geography (3)
GEO231 Geography of Hazards (3)
GEO341 Introduction to Geographic Information Systems (4)
GLG339 Natural Resources \& Energy (3)
GLG346 Environmental Impact Assessment (3)
MAT145 Statistics \& Public Policy (3) or other Statistics course by advisement or
any Natural Science course listed above
Fieldwork (ENV191) $\qquad$ 0 credits
20 hours work for approved organization

## Course Descriptions

Environmental Studies is an interdisciplinary program whose courses are based in a variety of academic areas. Descriptions of courses based in Environmental Studies appear below (see course numbers beginning with "ENV"). Courses based in other academic areas are listed here and described elsewhere in this catalog. Please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found.

Subject codes for Environmental Studies courses:
ANT - Anthropology, CHE - Chemistry, GEO - Geography, GLG - Geology, MAT Mathematics, POL - Political Science, SOC - Sociology

- ANT250 Ecological Anthropology
- ANT481 Transcultural Health
- CHE100 Environmental Chemistry

ENV191 Fieldwork in Environmental Studies (0)
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
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
ENV193 Environmental Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate
ENV393 Environmental Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

ENV493 Environmental Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

ENV494 Environmental Studies Fieldwork (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

- GEO203 People-Environments Geography
- GLG205 Environmental Geology
- GLG201 Physical Geology
- GLG211 Physical Geology Lab
- GLG339 Natural Resources and Energy
- GLG346 Environmental Impact Assessment
- POL311 American Environmental Politics
- POL347 Politics of Environment and Development
- SOC317 Environmental Sociology


## Evolutionary Studies (EvoS)

Phone: (845) 257-3470
Location: Science Hall, Room 152 (Program Director)
Web address: 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:

Tom Nolen, EvoS Director
Professor of Biology
Office: SH 152
Phone: 845-257-3753
E-mail: nolent@ newpaltz.edu
Glenn Geher, EvoS Founding Director
Professor of Psychology
Office: WH 362
Phone: 845-257-3091
E-mail: geherg@newpaltz.edu

## Minor in Evolutionary Studies (18 credits minimum)

- Courses marked with an asterisk $(*)$ have prerequisites.
- Courses marked with a number sign (\#) may or may not count for credit toward the minor. Please consult with the Evolutionary Studies program director for a decision.

Foundation course: Biology 3-4 credits
Choose one:
BIO135 Evolution for Everyone (3)
BIO202 General Biology II (3) and BIO212 General Biology II Lab (1)*
Foundation courses: Other disciplines $\qquad$ 3 or more credits
Choose one or more:
ANT215 Introduction to Biological Anthropology (3)
ANT301 Human Evolution (3)
EVO201 Evolution and Human Health (3)
GLG202 Historical Geology (4)*
PSY307 Evolutionary Psychology (3)*
EVO301 Evolutionary Studies Seminar (may be taken twice)....3-6 credits
Content-area courses. $\qquad$ 6 or more credits
Choose at least two (2) from different departments/programs:
ANT211 General Anthropology (3)
ANT302 Human Osteology (3)
ANT317 Love, Sex and Marriage: Anthro Perspectives (3)
ARH354 Nature \& Science in 19th-Century American Art (3)
BIO111 Introduction to Animal Life (3)
BIO130 Cancer Biology (3)
BIO140 Modern Biotechnology (3)
BIO150 Insects and Human Society (3)
BIO307 Comparative Vertebrate Anatomy (4)*
BIO320 Genetics (3)* and BIO321 Genetics Lab (1)
BIO370 Animal Physiology (4)*

BIO412 Evolutionary Theory (3)*
BIO418 Animal Behavior (3)*
BLK330 Race and Racism in US History (3)\#
ENG230 Women in Literature (3)*\#
ENG418 Victorian Literature (3)*\#
ENG468 Literature, Evolution, and the Brain (3)*
ENG469 Literature and Culture in the Age of Darwin (3)*
FPA300 The Evolution of Art: From Biology to Philosophy (3)
GLG305 Paleontology (4)*
PHY205 Exploring the Solar System (3)
PHY206 Exploring the Universe (3)
PSY302 History and Systems of Psychology (3)*
PSY303 Psychology of Learning (3)*
PSY306 Social Psychology (3)*
PSY313 Psychology of Personality (3)*
PSY343 Psychology of Infancy and Childhood (3)*
PSY350 Psychology of Women*
THE240 History of World Dress (3)

## Course Descriptions

Evolutionary Studies is an interdisciplinary program whose courses are based in a variety of academic areas. Descriptions of courses based in Evolutionary Studies appear below (see course numbers beginning with "EVO"). Courses based in other academic areas are listed here and described elsewhere in this catalog. Please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found.

Subject codes for Evolutionary Studies courses: ANT - Anthropology, ARH - Art History, BIO - Biology, BLK - Black Studies, ENG - English, GLG - Geology, PHI - Philosophy, PSY Psychology.

- ANT211 General Anthropology
- ANT301 Human Evolution
- ARH354 Nature \& Science in 19th Century American Art
- BIO111 Introduction To Animal Life
- BIO135 Evolution for Everyone
- BIO202 General Biology II
- BIO320 Genetics
- BIO412 Evolutionary Theory
- BIO418 Animal Behavior
- BLK330 Race and Racism in US History
- ENG418 Victorian Literature

EVO193 Evolutionary Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

## EVO201 Evolution and Human Health (3)

Theoretical and practical study of human evolution as it relates to optimizing health and fitness today. Lecture/demonstration/movement.

Attributes: Liberal Arts

EVO295 Evolutionary Studies Independent Study (1-12; may be repeated for credit) No description is available for this course.

Attributes: Liberal Arts
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.
EVO301 Evolutionary Studies Seminar (3; may be repeated for credit)
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, Writing Intensive
Restrictions: May not be enrolled in the following class: Freshman
EVO493 Evolutionary Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

EVO495 Independent Study Evolutionary Studies (1-12; may be repeated for credit) No description is available for this course.

- GLG305 Paleontology
- PHI465 Philosophy of Social Science
- PSY303 Introduction to the Psychology of Learning
- PSY306 Social Psychology
- PSY307 Evolutionary Psychology
- PSY343 Psychology of Infancy and Childhood
- PSY350 Psychology of Women


## Faculty

For information about EvoS affiliated faculty, please see refer to their home department pages, listed below.

Alex Bartholomew, Geology<br>Kerry Carso, Art History<br>Victor DeMunck, Anthropology

Clifford Evans, Psychology
Glenn Geher, Psychology
Aaron Haselton, Biology
Eugene Heath, Philosophy
Andrew Higgins, English
Aaron Isabelle, Teaching \& Learning
Spencer Mass, Biology
Jed Mayer, English
Itty Neuhaus, Art
Amy Nitza, Institute for Disaster Mental Health
Tom Nolen, Biology
Kenneth Nystrom, Anthropology
Raj Pandya, Physics
Jeff Reinking, Biology
Hamilton Stapell, History
Andrea Varga, Theatre Arts
Jennifer Waldo, Biology

## Film \& Video Studies (see also School of Fine \& Performing Arts)

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:

Will Hong
Department of Digital Media \& Journalism
CSB 42
Phone: (845) 257-3117
E-mail: hongw@newpaltz.edu

Beth Wilson
Department of Art History
SAB106D
Phone: (845) 257-3896
E-mail: wilsonb@newpaltz.edu

## 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.
- Please note: 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.
- Courses with an asterisk * have one or more prerequisites or major restrictions. (See course description for details.)

Required courses .6-7 credits
ARH348 History of Film (3)
One of the following:
ARS334 Digital Video* (3)
DMJ215 Digital Storytelling (4)
Electives
12-14 credits
Choose at least 12 credits across any of the following categories.
Production courses
ARS312 New Media 3D + 4D* (3)
DMJ319 Writing for Digital Media (3)
DMJ391 Screenwriting (3)
ENG348 Dramatic Writing for Stage \& Screen (3)
MUS350 Computer \& Electronic Music (3)
MUS351 Advanced Computer \& Electronic Music* (3)
MUS380 Basic Recording Techniques (3)
MUS381 Advanced Recording* (3)
Criticism \& Cinema courses
ANT407 Visual Anthropology (3)
ARH446 Surrealism (3)
DMJ205 Introduction to Media Criticism (3)
DMJ343 Aesthetics \& Criticism of TV/Web Video (3)
DMJ390 90 Minutes to Die: Film Noir (3)
ENG372 Fiction into Film (3)
ITA375 Topics in Italian Cinema (4)
POL334 Film and Politics (3)
THE260 Introduction to Design* (3)
THE326 20th-Century Design (3)
THE354 Scene Design I* (3)
THE355 Costume Design I (3)
THE357 Sound Design I* (3)

## Culture \& History through Cinema courses

DMJ321 Milestones in Documentary (3)
DMJ331 History of American TV* (3)
ENG368 Jewish American Experience in Literature \& Film (3)
FRN475 French Cinema* (3) - taught in French
GER319 Women in German Literature \& Film (3)
GER321 German Cinema (3)
ITA261 Italian Society in Film (4)
SOC361 Images of Poverty in Film* (3)
SOC432 Sociology of Film* (3)

SPA477 Latin American \& Caribbean Cinema* (3) - taught in Spanish
THE327 Race, Gender \& Performance (3)
Other courses (e.g., selected topic courses) may be taken by advisement.

## Course Descriptions

Film \& Video Studies is an interdisciplinary program whose courses are based in a variety of academic areas. For descriptions of the courses listed above, please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found.

Subject codes for Film \& Video Studies: ARH - Art History, ARS - Art Studio, DMJ - Digital Media \& Journalism, ENG - English, GER - German (see Languages, Literatures \& Cultures), ITA - Italian (see Languages, Literatures \& Cultures), MUS - Music, SOC - Sociology

- ARH348 History of Film
- ARS334 Digital Video
- DMJ215 Digital Storytelling
- DMJ319 Writing for Digital Media
- DMJ321 Milestones in Documentary
- DMJ331 History of American TV
- DMJ343 Aesthetics and Criticism of Television and Web Video
- ENG348 Dramatic Writing Stage and Screen
- ENG368 The Jewish American Experience in Literature and Film
- ENG372 Fiction into Film
- GER319 Women In German Literature \& Film
- ITA261 Italian Society in Film
- ITA375 Topics in Italian Cinema
- MUS350 Computer and Electronic Music
- MUS380 Basic Recording Techniques
- SOC361 Images of Poverty in Film
- SOC432 Sociology of Film


## Geography

Phone: (845) 257-2995
Location: SH 114
Web address: www.newpaltz.edu/geography
The Department of Geography offers a comprehensive liberal arts major, leading to a Bachelor of Arts (B.A.) degree, and Bachelor of Science (B.S.) concentrations in environmental geography and in urban planning. Our programs are designed to prepare students for graduate study in geography or for employment in fields actively seeking geographers.

Geography majors wishing to work with the environment may take environmental geography courses as electives, possibly with a minor in environmental science and a geography internship. Those wishing to study people, cultures, and environments may wish to take regional or cultural geography courses as electives, possibly alongside study abroad or a minor in a foreign language. 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.

In addition, the department cooperates in various programs, such as Environmental Studies; Asian Studies; Women's, Gender \& Sexuality Studies; and Latin American \& Caribbean 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.

For those majoring in other fields, minors in Geography and in Urban Planning are available.
To complement the academic program, 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.

## Major in Geography (42-45 credits), leading to a Bachelor of Arts (B.A.) degree

## Required core courses

 17 creditsGEO201 Human Geography (3)
GEO202 Physical Geography (3)
GEO213 Economic Geography (3)
GEO341 Introduction to Geographic Information Systems (4)
GEO342 Cartography (4)

## Required statistics course

3-4 credits
Select one of the following:
GEO241 Spatial Statistics (3)
MAT145 Statistics \& Public Policy (3)
MAT241 Introduction to Statistics (3)
PSY275 Psychological Statistics (4)
Required science cognate.
.4 credits
Select one of the following:
BIO340 Ecology (4)
GLG201 Physical Geology (3) and GLG211 Physical Geology Lab (1)

Electives .18-20 credits
Each major candidate is required to complete six (6) courses in geography, at least four (4) of which must be systematic courses (see list below).

Systematic courses:
GEO203 People-Environments Geography (3)
GEO214 Introduction to Urban \& Regional Planning (3)
GEO231 Geography of Hazards (3)
GEO314 Issues in Urban Planning (3)
GEO321 Geography of Soils (3)
GEO322 Geography of Water Resources (3)
GEO331 Gender \& Environment (3)
GEO332 Geography, Health \& Environment (3)
GEO333 Advanced People-Environments Geography (3)
GEO343 Remote Sensing (4)
GEO411 Political Geography (3)
GEO412 Geography of Socialism (3)
GEO431 Natural Resources: Utilization \& Management (3)
GEO441 Geographic Information Systems Applications (4)
GEO480 Internship in Geography (*) and GEO481 Internship Seminar (1)*
*The internship and corequisite seminar may only be taken with the chair's permission and after the major has been completed or nearly so. Students may take GEO480 Internship in Geography for 3, 6 or 9 credits.

Regional courses:
GEO211 World Geography (3)
GEO212 Cities of the World (3)
GEO351 Geography of the United States \& Canada (3)
GEO354 Geography of Asia (3)
GEO355 "Emerging" China \& Critical Geopolitics (3)

## Geography - Urban Planning Concentration (49-54 credits), leading to a Bachelor of Science (B.S.) degree

Required core courses.
.30 credits
GEO201 Human Geography (3)
GEO202 Physical Geography (3)
GEO213 Economic Geography (3)
GEO214 Introduction to Urban \& Regional Planning (3)
GEO241 Spatial Statistics (3)
GEO314 Issues in Planning (3)
GEO341 Introduction to Geographic Information Systems (4)
GEO342 Cartography (4)
GEO441 Geographic Information Systems Applications (4)

Required cognate courses. $\qquad$ 9-11 credits
Select one of the following:
CPS104 Visual Programming (3)
CPS110 Web Design (3)
CPS210 Computer Science I: Foundations (4)
Select one of the following:
ECO206 Microeconomics (3)
ECO207 Macroeconomics (3)
Select one of the following:
POL216 American Government \& Politics (4)
POL316 American Public Policies (3)
POL350 Introduction to Law (3)
Electives. 3 credits
Select one of the following:
GEO212 Cities of the World (3)
GEO231 Geography of Hazards (3)
GEO315 Quantitative Analysis in Urban Planning (3)
GEO332 Geography, Health \& the Environment (3)
GEO351 Geography of the United States \& Canada (3)
GEO431 Natural Resources: Utilization \& Management (3)
Required internship
7-10 credits
GEO480 Internship in Geography (6-9)
GEO481 Internship Seminar (1)

## Geography - Environmental Concentration (47-48 credits), leading to a Bachelor of Science (B.S.) degree

Required core courses. 17 credits
GEO201 Human Geography (3)
GEO202 Physical Geography (3)
GEO213 Economic Geography (3)
GEO341 Introduction to Geographic Information Systems (4)
GEO342 Cartography (4)
Required environmental courses $\qquad$ .9 credits
GEO203 People-Environments Geography (3)
GEO321 Geography of Soils (3)
GEO431 Natural Resources: Utilization \& Management (3)
Required statistics course. $\qquad$ 3 credits
Select one of the following:
GEO241 Spatial Statistics (3)

MAT145 Statistics \& Public Policy (3)
MAT241 Introduction to Statistics (3)

## Required science cognate courses............... 8 credits

Select any two (2) of the following lab classes:
GLG201 Physical Geology (3) and GLG211 Physical Geology Lab (1)
GLG303 Geomorphology (4) - prereqs: GLG201 and GLG211
BIO201 General Biology I (3) and BIO211 General Biology I Lab (1)
BIO202 General Biology II (3) and BIO212 General Biology II Lab (1)
Electives .10-11 credits
Select three of the following systematic geography courses:
GEO331 Gender \& Environment (3)
GEO332 Geography, Health \& Environment (3)
GEO343 Remote Sensing (4)
GEO480 Internship in Geography (*) and GEO481 Internship Seminar (1)*
*The internship and corequisite seminar may only be taken with the chair's permission and after the major has been completed or nearly so. Students may take GEO480 Internship in Geography for 3, 6 or 9 credits; however, only four (4) credits may count toward the elective requirements.

## Minor in Geography (18-20 credits)

## Required courses 9 credits

GEO201 Human Geography (3)
GEO202 Physical Geography (3)
GEO213 Economic Geography (3)
Electives .9-11 credits
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.

## 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.

Required courses
13 credits
GEO214 Introduction to Urban \& Regional Planning (3)
GEO241 Spatial Statistics (3)
GEO314 Issues in Planning (3)
GEO341 Introduction to GIS (4)

## Electives

 . $6-8$ creditsSelect two courses from the following list, choosing no two from the same department:
CPS104 Visual Programming (3)
CPS110 Web Design (3)
CPS210 Computer Science I: Foundations (4)
ECO206 Microeconomics (3)
ECO207 Macroeconomics (3)
GEO212 Cities of the World (3)
GEO221 Geography of Soils (3)
GEO322 Geography of Water Resources (3)
GEO315 Quantitative Analysis in Urban Planning (3)
GEO431 Natural Resources: Utilization \& Management (3)
POL216 American Government \& Politics (4)
POL316 American Public Policy (3)
POL350 Introduction to Law (3)
SOC220 Social Inequality in the U.S. (3)
SOC345 Urban Sociology (3)

## Course Descriptions

## GEO193 Geography Selected Topic (1-12)

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts

## GEO201 Human Geography (3)

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: Liberal Arts, GE4: Social Science, Critical Thinking Introductory, GE3: SSCI, Systematic Inquiry
GEO202 Physical Geography (3)
Selected aspects of the physical environment and their relationships to humankind. Emphasis on study of maps, weather, and regional climatology.
Attributes: Liberal Arts, GE4: Natural Science course, Critical Thinking Introductory, GE3: NSCI, Systematic Inquiry

## GEO203 People-Environments Geography (3)

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: Liberal Arts, GE4: Social Science, Critical Thinking Introductory, GE3: SSCI
Restrictions: Must be enrolled in the following level: Undergraduate

## GEO211 World Geography (3)

"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: Liberal Arts, GE4: World Civilizations, Critical Thinking Introductory, GE3: WRLD, Systematic Inquiry

## GEO212 Cities of the World (3)

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: Liberal Arts, GE4: World Civilizations, Critical Thinking Introductory, Information Management Introductory, GE3: WRLD, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
GEO213 Economic Geography (3)
Geographical factors and interpretive theories related to patterns of population density, economic development, international trade, and economic production.

Attributes: Liberal Arts, GE4: Social Science, Critical Thinking Introductory, GE3: SSCI, Systematic Inquiry Restrictions: Must be enrolled in the following level: Undergraduate

## GEO214 Introduction to Urban \& Regional Planning (3)

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: Liberal Arts, GE4: Social Science, Critical Thinking Introductory, GE3: SSCI
Restrictions: Must be enrolled in the following level: Undergraduate

## GEO231 Geography of Hazards (3)

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: Liberal Arts; GE4: Natural Science course, Critical Thinking Introductory, GE3: NSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate

## GEO241 Spatial Statistics (3)

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: Liberal Arts; GE4: Mathematics, Information Management Introductory. GE3: MATH, Systematic Inquiry

Prerequisites: Math Placement Level 3 or MAT151 Minimum Grade of D- or MAT120 Minimum Grade of D- or MAT121 Minimum Grade of D-

GEO293 Geography Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

GEO295 Indep Study Geography (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.
GEO314 Issues in Urban Planning (3)
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: Liberal Arts, Critical Thinking Intermediate, Information Management Intermediate
Restrictions: May not be enrolled in the following class: Freshman
GEO315 Quantitative Analysis in Urban Planning (3)
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 3 or (MAT151 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-)
Restrictions: May not be enrolled in the following class: Freshman

## GEO321 Geography of Soils (3)

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: Liberal Arts; Critical Thinking Intermediate; Field Study, Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## GEO322 Geography of Water Resources (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## GEO331 Gender and Environment (3)

The gendered nature of environment degradation; gender-sensitive theories and methodologies for the study of and solution to environmental problems.

Attributes: Liberal Arts, GE4: Social Science, Critical Thinking Intermediate, GE3: SSCI, Systematic Inquiry; Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## GEO332 Geography, Health and Environment (3)

Examination of the relationship between location, environmental conditions, and human wellbeing. The goal is a realistic view of the role of environment within a holistic concept of health.

Attributes: Liberal Arts; Critical Thinking Intermediate; Civic Engagement, Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## GEO333 Advanced People-Environments Geography (3)

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: Liberal Arts; Critical Thinking Advanced; Information Management Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## GEO341 Introduction to Geographic Information Systems (4)

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: Liberal Arts; Information Management Intermediate; Civic Engagement, Community Service, Field Study, Practicum/Non-Clinical, Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

GEO342 Cartography (4)
History and principles of map-making, projections, scales, symbols, design, and mapping systems in relationship to effective presentation and communication of geographic data and analysis of spatial relationships. Computer applications are included. Lecture and laboratory.
Attributes: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate; Creative Works, Practicum/Non-Clinical, Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## GEO343 Remote Sensing (4)

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: Liberal Arts; Information Management Advanced; Community Service, Field Study, Research Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: GEO273 Minimum Grade of D- or GEO202 Minimum Grade of D- or GLG201 Minimum Grade of D- or ANT211 Minimum Grade of D-

## GEO351 Geography of the United States and Canada (3)

Geographical patterns of the natural, economic, social and political features as they interrelate to form the regions of North America.

Attributes: Liberal Arts, Writing Intensive; GE4: United States Studies, Critical Thinking Intermediate, Information Management Intermediate, GE3: USST
Restrictions: May not be enrolled in the following class: Freshman

## GEO354 Geography of Asia (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## GEO355 "Emerging" China and Critical Geopolitics (3)

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; GE4: World Civilizations, GE3: WRLD
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

GEO393 Geography Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

GEO399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

GEO411 Political Geography (3)
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: Liberal Arts; Critical Thinking Advanced; Civic Engagement<br>Restrictions: May not be enrolled in the following class: Freshman

Prerequisites: GEO240 Minimum Grade of D- or GEO211 Minimum Grade of D- or GEO252 Minimum Grade of D- or GEO213 Minimum Grade of D- or GEO272 Minimum Grade of D- or GEO203 Minimum Grade of D- or GEO273 Minimum Grade of D- or GEO202 Minimum Grade of D- or GEO274 Minimum Grade of D- or GEO201 Minimum Grade of D- or GEO285 Minimum Grade of D- or GEO231 Minimum Grade of D- or GEO293 Minimum Grade of D- or GEO295 Minimum Grade of D- or GEO301 Minimum Grade of D- or GEO351 Minimum Grade of D- or GEO303 Minimum Grade of D- or GEO308 Minimum Grade of D- or GEO354 Minimum Grade of D- or GEO310 Minimum Grade of D- or GEO331 Minimum Grade of D- or GEO330 Minimum Grade of D- or GEO321 Minimum Grade of D- or GEO381 Minimum Grade of D- or GEO342 Minimum Grade of D- or GEO382 Minimum Grade of D- or GEO343 Minimum Grade of D- or GEO383 Minimum Grade of D- or GEO341 Minimum Grade of D- or GEO393 Minimum Grade of D- or GEO406 Minimum Grade of D- or GEO431 Minimum Grade of D- or GEO480 Minimum Grade of D- or GEO481 Minimum Grade of D- or GEO483 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-

## GEO412 Geography of Socialism (3)

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 the following classes: Senior, Junior
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 ENG002 Minimum Grade of TD-

GEO431 Natural Resources: Utilization and Management (3)
Distribution, use, and management of natural resources as they affect economic development in both the historical and present sense.

Attributes: Liberal Arts; Critical Thinking Advanced; Research
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: GEO252 Minimum Grade of D- or GEO213 Minimum Grade of D- or GEO273 Minimum Grade of D- or GEO202 Minimum Grade of D- or GEO274 Minimum Grade of D- or GEO201 Minimum Grade of D-

## GEO441 Geographic Information Systems Applications (4)

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: Liberal Arts; Information Management Advanced; Creative Works, Field Study, Practicum/Nonclinical, Research
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: GEO383 Minimum Grade of D- or GEO341 Minimum Grade of D-

## GEO480 Internship in Geography ( $\mathbf{3}, 6$, or 9 )

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: Liberal Arts; Critical Thinking Advanced, Information Management Advanced; Civic Engagement, Community Service, Practicum/Non-clinical, Service Learning
Restrictions: May not be enrolled in the following class: Freshman
Corequisites: GEO481

## GEO481 Internship Seminar (1)

Academic complement to GEO480. Interns and faculty meet to relate concepts of academic discipline to internship experience.

Attributes: Liberal Arts; Critical Thinking Advanced, Information Management Advanced
Restrictions: May not be enrolled in the following class: Freshman
Corequisites: GEO480

## GEO482 Environmental Studies Senior Seminar (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following class: Senior

GEO493 Geography Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman
GEO494 Fieldwork In Geography (1-12)
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

GEO495 Indep Study Geography (1-12; may be repeated for credit) No description is available for this course.

Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

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## History

Phone: (845) 257-3545
Location: Jacobson Faculty Tower, Room 916A
Web address: 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.

## Major in History (32-38 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.


## I. United States History 6-8 credits <br> Choose two courses from the list below; at least one must be at the 200-level.

HIS221 U.S. History to 1865
HIS222 U.S. History Since 1865
HIS302 American Immigration
HIS303 The Empire State
HIS306 Progressive Era
HIS307 History of Women from 1880 to Present
HIS308 Indians of New York State
HIS309 Indians of the United States
HIS310 Indians of the Eastern Woodlands
HIS321 Colonial America
HIS322 The American Revolution
HIS323 Jacksonian America
HIS324 American Civil War
HIS325 History of New York City
HIS326 U.S. South to 1897
HIS327 American Social and Cultural History to 1876
HIS328 American Social and Cultural History: 1877 to Present
HIS329 Postwar America
HIS332 U.S. Since Watergate
HIS367 Business and Society
HIS378 Latinos(as) in the United States
HIS379 U.S. Foreign Policy Since 1898
HIS380 U.S. Military History
HIS381 Prisons and Prisoners in the U.S.
HIS383 Religion in the United States
HIS384 American Nationalisms
HIS385 The Gilded Age
HIS386 U.S. South Since 1877
HIS413 The American West
HIS461 Hudson Valley Culture

HIS467 The United States in Vietnam
BLK330 Race and Racism in U.S. History
BLK331 The American Civil Rights Movement
WOM311 Gender, Race, and Work
WOM316 History of Women in U.S. to 1880
WOM423 Feminism in the U.S.
II. European History .6-8 credits
Choose two courses from the list below; at least one must be at the 200-level.
HIS207 Medieval Europe
HIS214 Modern Europe 1500-Present
HIS311 Modern Germany
HIS314 Roman Empire
HIS317 World War II
HIS318 Europe Since 1945
HIS333 Soviet Union
HIS346 The Black Death
HIS348 Medieval Society
HIS349 Renaissance and Reformation
HIS350 Early Modern Europe
HIS351 The Enlightenment
HIS353 Twentieth-Century Europe
HIS354 Early Modern Cities
HIS355 Medieval Towns
HIS357 History of England 1485-1815
HIS358 Modern Britain
HIS360 Modern Spain
HIS362 Medieval Spain
HIS363 Inquisition
HIS365 Jihad and Crusades
HIS371 Jews in the Middle Ages
HIS373 The Holocaust
HIS407 Intellectual History of 19th-Century Europe
HIS408 Intellectual History of 20th-Century Europe
JST205 The Jewish Experience
III. Non-Western History: Africa, Asia, Latin America, Middle East.........6-8 credits

At least one of these must be a 200-level course.
HIS200 Ancient World
HIS202 History of the Ancient Near East
HIS203 History of Ancient Greece
HIS215 China to 1800
HIS216 Modern China
HIS243 Middle East to 1798
HIS244 Middle East Since 1798
HIS277 Latin American History to 1825

HIS278 Latin American History Since 1825
HIS335 Modern Japan
HIS336 Religions of Asia
HIS337 Ancient India
HIS338 British India
HIS339 Indian Ocean World
HIS340 Iran
HIS342 Arab Mid East 2
HIS343 History of Islam and the Middle East 570-1918
HIS344 The Middle East in the 20th Century
HIS369 Ancient Israel
HIS370 Bible: Myth and History
HIS377 History of Mexico
HIS470 Age of "Discovery" 1415-1780
HIS480 Women in China
BLK200 Introduction To Africa
BLK201 Black History I
BLK202 Black History II
BLK231 Development of Afro-Latin American Civilization (1492-1825)
BLK232 Contemporary Afro-Latin American Civilization Since 1825
BLK301 Survey of Pre-Colonial Africa to 1800
BLK302 Survey of Contemporary Africa: 19th Century to Present
BLK309 Introduction to Afro-Brazilian History
BLK311 Blacks in the Caribbean, 1492-Present
BLK325 History of Slavery in the Americas
BLK347 History of South Africa
IV. History electives. 6 credits
Must be upper-division (300- or 400-level) courses.
HIS302 American Immigration
HIS303 The Empire State
HIS305 Women in Early Modern Europe
HIS306 Progressive Era
HIS307 History of Women from 1880 to Present
HIS308 Indians of New York State
HIS309 Indians of the United States
HIS310 Indians of the Eastern Woodlands
HIS311 Modern Germany
HIS314 Roman Empire
HIS317 World War II
HIS318 Europe Since 1945
HIS321 Colonial America
HIS322 The American Revolution
HIS323 Jacksonian America
HIS324 American Civil War
HIS325 History of New York City

HIS326 U.S. South to 1897
HIS327 American Social and Cultural History to 1876
HIS328 American Social and Cultural History: 1877 to Present
HIS329 Postwar America
HIS332 U.S. Since Watergate
HIS333 Soviet Union
HIS335 Modern Japan
HIS336 Religions of Asia
HIS337 Ancient India
HIS338 British India
HIS339 Indian Ocean World
HIS340 Iran
HIS342 Arab Mid East 2
HIS343 History of Islam and the Middle East 570-1918
HIS344 The Middle East in the 20th Century
HIS346 The Black Death
HIS348 Medieval Society
HIS349 Renaissance and Reformation
HIS350 Early Modern Europe
HIS351 The Enlightenment
HIS353 Twentieth-Century Europe
HIS354 Early Modern Cities
HIS355 Medieval Towns
HIS357 History of England 1485-1815
HIS358 Modern Britain
HIS360 Modern Spain
HIS362 Medieval Spain
HIS363 Inquisition
HIS365 Jihad and Crusades
HIS367 Business and Society
HIS369 Ancient Israel
HIS370 Bible: Myth and History
HIS371 Jews in the Middle Ages
HIS373 The Holocaust
HIS377 History of Mexico
HIS378 Latinos(as) in the United States
HIS379 U.S. Foreign Policy Since 1898
HIS380 U.S. Military History
HIS381 Prisons and Prisoners in the U.S.
HIS383 Religion in the United States
HIS384 American Nationalisms
HIS385 The Gilded Age
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
BLK330 Race and Racism in U.S. History
BLK331 The American Civil Rights Movement
BLK347 History of South Africa
WOM311 Gender, Race, and Work
WOM316 History of Women in U.S. to 1880
WOM423 Feminism in the U.S.

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V. Method courses (required)
8 credits
HIS300 Historian's Craft (4)
HIS492 Seminar in History (4)
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## 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 6credit thesis with a minimum grade of $\mathrm{B}+$ 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 3.5 average in History course work, a minimum of twenty-four 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 six to eight 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.


## Course Descriptions

## HIS151 American Heroes (3)

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: Liberal Arts, GE4: United States Studies, GE3: USST, Effective Expression/Written, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in one of 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); Must be enrolled in the following class: Freshman

## HIS161 Youth Culture in Europe (3)

Examines the changing role of youth in European society over time, the gendering of youth as male until the $20^{\text {th }}$ century, and the shifting culture of this group from arbiters of social control to revolutionaries.

Attributes: Liberal Arts, GE4: Humanities, GE3: HUM, Effective Expression/Written
Restrictions: Must be enrolled in the following class: Freshman
HIS193 History Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in one of the following majors: History (532), Adolescence Ed: Social Studies (445)

HIS199 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: May not be enrolled in one of the following majors: History (532), Adolescence Ed: Social Studies (445)

## HIS200 Ancient World (4)

Analysis of the major cultures of the ancient Mediterranean world, ancient Asia, and pre-contact America. 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: Liberal Arts; GE4: World Civilizations, Information Management Introductory, Critical Thinking Introductory, GE3: WRLD, Effective Expression/Written, Systematic Inquiry

## HIS202 History of the Ancient Near East (3)

A review of the Paleolithic and Neolithic eras followed by a study in depth of the civilizations of ancient Mesopotamia, Egypt, the Holy Land, Persia, and the rest of the Near East.

Attributes: Liberal Arts

HIS203 History of Ancient Greece (3)
History of ancient Greece to the end of the Hellenistic period.
Attributes: Liberal Arts

## HIS207 Medieval Europe (4)

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: Liberal Arts, GE4: Western Civilization, Information Management Introductory, Critical Thinking Introductory, GE3: WEST, Systematic Inquiry

## HIS214 Modern Europe 1500-Present (4)

The political, economic, and social evolution of Europe from the Renaissance to the present.
Attributes: Liberal Arts, GE4: Western Civilization, Information Management Introductory, Critical Thinking Introductory, GE3: WEST, Systematic Inquiry

## HIS216 Modern China (4)

Chinese history and culture from the late Ming Dynasty (1368-1644) to contemporary times.
Attributes: Liberal Arts; GE4: World Civilizations, Information Management Introductory, Critical Thinking Introductory, GE3: WRLD, Information Literacy, Effective Expression/Written

## HIS221 U.S. History to 1865 (4)

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: Liberal Arts; GE4: United States Studies, Critical Thinking Introductory, Information Management Introductory, GE3: USST, Systematic Inquiry

## HIS222 U.S. History Since 1865 (4)

Continuation of HIS221. Analysis of the forces that shaped the modern industrial nation after the Civil War and resulted in the emergence of the United States as a world power.

Attributes: Liberal Arts; GE4: United States Studies, Critical Thinking Introductory, Information Management Introductory, GE3: USST, Effective Expression/Written, Ethical Reflection

## HIS243 Middle East to 1798 (4)

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, GE4: World Civilizations, GE3: WRLD, Systematic Inquiry

## HIS244 Middle East Since 1798 (4)

This 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, GE4: World Civilizations, GE3: WRLD, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## HIS277 Latin American History to 1825 (4)

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: Liberal Arts, GE4: World Civilizations, Critical Thinking Introductory, Information Management Introductory, GE3: WRLD, Systematic Inquiry

## HIS278 Latin American History Since 1825 (4)

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: Liberal Arts, GE4: World Civilizations, Critical Thinking Introductory, Information Management Introductory, GE3: WRLD, Systematic Inquiry

## HIS285 American Civilization (3)

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
HIS293 History Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

HIS295 Indep Study History (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
HIS299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

## HIS300 Historian's Craft (4)

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: Liberal Arts, Writing Intensive; Critical Thinking Intermediate, Information Management Intermediate, Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Adolescence Ed: Social Studies (445), History (532), History (HIS), History B-6 (601H)

## HIS302 American Immigration (3)

Examines the numerous immigrant groups in American society from the seventeenth century through the present and focuses on adaptation to American values, and the changing culture of the United States.

Attributes: Liberal Arts, Writing Intensive
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS303 The Empire State (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): History B-6 $(601 \mathrm{H})$; May not be enrolled in the following class: Freshman

## HIS305 Women in Early Modern Europe (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS306 Progressive Era (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS307 History of Women from 1880 to Present (3)

A survey of the history of women from 1880 to the present, examining changes in women's private and public lives with attention to the differences among women of varying regional, racial and economic backgrounds.

Attributes: Liberal Arts; GE4: United States Studies, GE3: USST, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS308 Indians of New York State (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): History B-6 $(601 \mathrm{H})$; May not be enrolled in the following class: Freshman

## HIS309 Indians of the United States (3)

History of American Indians from initial European contact to the present: Cherokee, Iroquois Confederacy, the Navajo, and the Sioux; development and impact of governmental policies in the United States; rise of native American militancy and protest.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS310 Indians of the Eastern Woodlands (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS311 Modern Germany (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## HIS312 Alexander the Great \& the Hellenistic World (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS313 Religion \& Power in the Ancient Near East (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS314 Roman Empire (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS316 Gender \& Sexuality in Classical Antiquity (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS317 World War II (3)

Survey of military, political, social and cultural history of World War II from the viewpoint of world history.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS318 Europe Since 1945 (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS319 Americanization of Europe (3)

An exploration of the world-wide phenomenon of "Americanization" as it manifested itself in Europe throughout the twentieth century. Topics 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS321 Colonial America (3)

Social, political, and cultural development of early American communities (1607-1763).
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS322 The American Revolution (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS323 Jacksonian America (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS324 American Civil War (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS325 History of New York City (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS326 U.S. South to 1897 (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS327 American Social and Cultural History to 1876 (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS328 American Social and Cultural History: 1877 to Present (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS329 Postwar America (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS330 Staging China (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS332 U.S. Since Watergate (3)

Cultural, political, economic, and social changes in the United States since 1974, including
electoral and grassroots politics, the cultural and economic impact of globalization, the role of the United States in world affairs, and the everyday lives of Americans.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in one of the following classes: Sophomore, Freshman

## HIS333 Soviet Union (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS334 Gandhi (3)

Political, economic, and cultural history of South Asia in 1857-1947; focusing on the life and thought of M.K. Gandhi, an influential and controversial social reformer/politician in British India.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS335 Modern Japan (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS336 Religions of Asia (3)

A comparative study of the histories of Buddhism and other religions of eastern and southern Asia. Topics include beliefs and their impact on the societies and cultures of, especially, China, India, and Japan.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS337 Ancient India (3)

Provide a comprehensive survey of the history of the Indian subcontinent until 1200 CE 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS338 British India (3)

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 Independence.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS339 Indian Ocean World (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS340 Iran (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS342 Arab Middle East 2 (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS343 History of Islam and the Middle East 570-1918 (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS344 The Middle East in the 20 ${ }^{\text {th }}$ Century (3)

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.

[^4]
## HIS346 The Black Death (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS348 Medieval Society (3)

Changes in the social organization of Medieval Europe. How peasants, nobles, townspeople, and monks and nuns lived and died.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS349 Renaissance and Reformation (3)

The Renaissance, its relation to the Reformation, and causes and effects of both movements.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS350 Early Modern Europe (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS351 The Enlightenment (3)

Students will seek to understand the European Enlightenment through intensive writing assignments focusing on the ideas and methods of this eighteenth-century intellectual movement.
Attributes: Liberal Arts, Writing Intensive
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

HIS352 Science, Magic, and Religion in the $17^{\text {th }}$ Century (3)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS353 Twentieth-Century Europe (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS354 Early Modern Cities (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS355 Medieval Towns (3)

The medieval foundations of modern urban dynamics. Topics include Rome's legacy; post year1000 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS357 History of England from 1485-1815 (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS358 Modern Britain (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS360 Modern Spain (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS362 Medieval Spain (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS363 Inquisition (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS365 Jihad and Crusades (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS367 Business and Society (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS369 Ancient Israel (3)

Ancient Israel from the Patriarchal period (ca. 1900 B.C.E.) to the Hellenistic period (ca. 160 B.C.E.). Selected archaeological sites, readings in the Bible, and analysis of evidence from contemporary extra-Biblical sources.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS370 Bible: Myth and History (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS371 Jews in the Middle Ages (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman

## HIS373 The Holocaust (3)

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 nonJewish communities.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS376 Environmental History of Latin America (3)

The history of the relationship between human society and the natural world in Latin America, from Ice Age hunters to the present. Topics include the biological impact of European conquest, deforestation, climate change, and environmental justice.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS377 History of Mexico (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## HIS378 Latinos(as) in the United States (3)

Introduction of emigrant groups from Latin America (Mexico, the Caribbean, Central and South America) and the impact of each group on U.S. culture and institutions, as well as the U.S. impact on their cultures.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS379 US Foreign Policy Since 1898 (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS380 US Military History (3)

Describes and analyzes the history of American military policy since the colonial period to the present, including the role of 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS381 Prisons and Prisoners in the US (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS383 Religion in the United States (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS384 American Nationalisms (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS385 The Gilded Age (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

HIS393 History Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

HIS399 Modular Course (1-3 credits; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS407 Intellectual History of 19 $^{\text {th }}$-Century Europe (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS408 Intellectual History of 20 ${ }^{\text {th }}$-Century Europe (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS413 The American West (3)

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: May not be enrolled in the following class: Freshman

## HIS461 Hudson Valley Culture (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HIS467 The United States in Vietnam (3)

The origins, nature and consequences of America's involvement in Vietnam.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

## HIS470 Age of "Discovery" 1415-1780 (3)

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 be enrolled in one of the following field(s) of study (major, minor or concentration):
Adolescence Ed: Social Studies (445), History B-6 (601H); May not be enrolled in the following class: Freshman

## HIS480 Women in China (3)

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: May not be enrolled in the following class: Freshman
HIS491 Community, Memory, and Historical Practice: Internship Seminar (1; may be repeated for 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Corequisites: HIS494
HIS492 Seminar in History (4; may be repeated for credit)
Training in historical research methods through the critical reading of historical materials, primary research on selected topics, and the presentation of reports. Repeatable.
Attributes: Liberal Arts, Writing Intensive; Critical Thinking Advanced, Information Management Advanced, Research
Restrictions: Must be enrolled in one of the following field(s) of study (major, minor, concentration): Adolescence Ed: Social Studies (445), History (532), History B-6 (601H); May not be enrolled in the following class: Freshman Prerequisites: HIS300 Minimum Grade of C- and (ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- ENG002 Minimum Grade of TC-)

HIS493 History Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman
HIS494 Fieldwork in History (1-12; may be repeated for credit)
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: May not be enrolled in the following class: Freshman
Corequisites: HIS491
HIS495 Independent Study History (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## HIS496 History Honors Thesis I (3)

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 be enrolled in the following major: History (532); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## HIS497 History Honors Thesis II (3)

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 be enrolled in the following major: History (532); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: HIS496

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## International Relations (major and minor): See Political Science \& International Relations

## Industrial \& Organizational Psychology (minor): See Psychology

## Jewish Studies

The Jewish Studies program enables students to take courses in a number of disciplines, including history, international relations, language, religion, culture, and literature. An interdisciplinary minor is available to interested students. The minor requires 15 credits of approved courses.

## Minor in Jewish Studies (15 credits)

Select any five courses in Jewish Studies, including approved cross-listed courses:
HEB101 Elementary Hebrew I (3)
HEB 102 Elementary Hebrew II (3)
JST205 The Jewish Experience (3)
JST393 Jewish Studies Selected Topic (by advisement)
HIS369 Ancient Israel (3)
HIS370 Bible: Myth and History (3)
HIS371 Jews in the Middle Ages (3)
HIS373 The Holocaust (3)
HIS393 History Selected Topic (by advisement)
ENG477 Literature of the Holocaust (4)
GER320 The Jews of Germany (3)
POL220 Athens \& Jerusalem: Political Thought in the Ancient \&
Medieval Worlds (3)
Other courses, with permission of the program director
Note: ENG355 The Bible and HIS363 Inquisition do not count toward the Jewish Studies minor.

## Course Descriptions

Jewish Studies is an interdisciplinary program whose courses are based in a variety of academic areas. Descriptions of courses based in Jewish Studies ("JST" courses) appear below. Courses based in other academic areas are listed here and described elsewhere in this catalog. Please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found.

Subject codes for Jewish Studies courses: ENG - English, GER - German (see Languages, Literatures \& Cultures), HEB - Hebrew (see Languages, Literatures \& Cultures), HIS - History, POL - Political Science \& International Relations.

- ENG477 Literature of the Holocaust
- GER320 The Jews Of Germany
- HEB101 Elementary Hebrew 1
- HEB102 Elementary Hebrew II
- HIS369 Ancient Israel
- HIS370 Bible: Myth and History
- HIS371 Jews in the Middle Ages
- HIS373 The Holocaust
- POL220 Athens \& Jerusalem: Political Thought in the Ancient \& Medieval Worlds


## JST205 The Jewish Experience (3)

The social, ethnic and spiritual dimensions of the Jewish people and Jewish civilization approached though topics of the Jewish calendar and festival cycle, life-cycle, diet, dress, Jewish theology, worship and sacred literature; and anti-Semitism.

JST393 Jewish Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman

## Journalism

Phone: (845) 257-3450
Location: Coykendall Science Building, Room 51
Web Address: 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 typography, graphical integration, and design of news pages, Journalism majors prepare for the realities of the workplace by composing, shooting, editing, and posting their stories in our state-of-the-art computer facility.

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. To date, three Pulitzer Prize-winning journalists and best-selling authors have held the professorship;

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 \& Rhetoric or 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.

## 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 or DMJ490) and corequisite seminar (DMJ491) 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.

Required core courses .27 credits
DMJ210 Investigating Journalism (3)
DMJ215 Digital Storytelling (4)

DMJ230 Journalism I (4)
DMJ332 Journalism II (4)
DMJ347 Media Ethics (4)
DMJ453 Multimedia Editing \& Publishing: The Little Rebellion (4)
DMJ458 Capstone Seminar in Multimedia Reporting (4)
Contexts of Journalism. $\qquad$ 6 credits (min.)
DMJ305 Being Digital (3)
DMJ393 Journalism Selected Topic (3)
DMJ452 Mass Media Law (3)
DMJ475 Picture Culture (4)
DMJ470 Ottaway Seminar (1-4)
Genres of Journalism. .6 credits (min.)
DMJ300 Photojournalism I (3)
DMJ313 Public Affairs Reporting (3)
DMJ314 Feature Writing (4)
DMJ328 Arts Writing (3)
DMJ333 Radio Journalism (3)
DMJ334 Literature of Journalism (3)
DMJ393 Journalism Selected Topic (3)
Required Internship (4 min.) \& Seminar (1)...... 5 credits (min.)
DMJ461 Legislative Gazette (4 credits min.) or DMJ490 Internship (4 credits min.)
DMJ491 Internship Seminar (1)

## 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 or DMJ490) and corequisite seminar (DMJ491) 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.

Required core courses. .7 credits
DMJ210 Investigating Journalism (3)
DMJ230 Journalism I (4)
plus
One of the following $\qquad$ 3-4 credits
DMJ332 Journalism II (4)
DMJ313 Public Affairs Reporting (3)
DMJ314 Feature Writing (4)

Two of the following....................6-7 credits
DMJ305 Being Digital (3)
DMJ334 The Literature of Journalism (3)
DMJ347 Media Ethics (3)
DMJ452 Mass Media Law (3)
DMJ475 Picture Culture (4)
Internship and Seminar. 4 credits (min.)
DMJ461 Legislative Gazette (3 credits min.) or DMJ490 Internship (3 credits min.)
and
DMJ491 Internship Seminar (1)
Course Descriptions and Faculty: See Digital Media \& Journalism

## Languages, Literatures \& Cultures Programs

Phone: (845) 257-3480
Location: Old Main Building, Room 206
Web address: www.newpaltz.edu/foreign_lang/
The Department of Languages, Literatures \& Cultures offers undergraduate and graduate instruction. Undergraduate liberal arts majors are available in French and Spanish; concentrations in French and Spanish are also available for Early Childhood \& Childhood Education (B-6) students. The undergraduate majors in French and Spanish require at least 33 credits in the major language above the intermediate level.

Minors are offered in French, Italian Studies, German and Spanish. In addition, instruction is regularly offered in Arabic, Chinese (including Spoken Mandarin), Hebrew, Japanese, KiSwahili, and Portuguese. A number of courses in the literature and culture of France, Germany, Italy, Japan, Latin America, and Spain are offered in English.

All language courses must be taken proceeding from lower to higher level. Please refer to the department's Language Placement Policy.

## Major in French (36-48 credits)

The major program in French language, literature and culture is offered for students in liberal arts or elementary and secondary education programs. Students are admitted to the major upon completion of Intermediate French or placement.

Basic language courses* $\qquad$ 12 credits
FRN101 Elementary French I (3)
FRN102 Elementary French II (3)
FRN201 Intermediate French I (3)
FRN202 Intermediate French II (3)
*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.

## Required courses

 27 creditsAll of the following ( 24 credits):
FRN301 French Composition and Conversation I (4)
FRN302 French Composition and Conversation II (4)
FRN319 French Civilization (4)
FRN320 Francophone Cultures (4)
FRN375 French Literature to 1800 (4)
FRN376 French \& Francophone Literature After 1800 (4)
One of the following (3 credits):
FRN401 Advanced French Composition and Conversation I (3)
FRN402 Advanced French Composition and Conversation II (3)

## Electives

 .9 creditsEach major candidate is required to complete, by advisement, three courses in French at the 400 level or equivalent.

## 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.

## Course Descriptions: French

FRN101 Elementary French I (3)
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: Liberal Arts; GE4: Foreign Language 1, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate

## FRN102 Elementary French II (3)

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: Liberal Arts; GE4: Foreign Language 2, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: FRN101 Minimum Grade of D- or French Language Placement 1
FRN193 French Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate
FRN199 Modular Course (1-3 credits; may be repeated for credit)
No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## FRN201 Intermediate French I (3)

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: Liberal Arts; GE4: Foreign Language 3, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: FRN102 Minimum Grade of D- or French Language Placement 2
FRN202 Intermediate French II (3)
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: Liberal Arts; GE4: Foreign Language 3, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: FRN201 Minimum Grade of D- or French Language Placement 3
FRN293 French Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate
FRN295 Indep Study French (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

FRN299 Modular Course ( $\mathbf{1 - 3}$ credits; may be repeated for credit)
No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## FRN301 French Comp and Conver 1 (4)

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: Liberal Arts; GE4: Foreign Language 3, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:

Freshman
Prerequisites: FRN202 Minimum Grade of D- or French Language Placement 4

## FRN302 French Comp and Convers 2 (4)

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: Liberal Arts; GE4: Foreign Language 3, GE3: FLNG, Effective Expression/Written, Research Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman<br>Prerequisites: FRN202 Minimum Grade of D- or French Language Placement 5

## FRN306 French Phonetics (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: FRN202 Minimum Grade of D-

## FRN316 French Lit Children (3)

No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: FRN202 Minimum Grade of D-

## FRN317 French Literature In English 1 (3)

No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: FRN202 Minimum Grade of D-

## FRN318 French Literature In English 2 (3)

No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: FRN202 Minimum Grade of D-

## FRN319 French Civilization (4)

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: Liberal Arts, GE3: WEST, Effective Expression/Oral, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: FRN202 Minimum Grade of D-

## FRN320 Francophone Cultures (4)

Analysis of the most significant aspects of history and contemporary culture of the Frenchspeaking world including Africa, Asia, the Caribbean, and North America. Overview of colonial history and introduction to post-colonial theory. Conducted in French.

Attributes: Liberal Arts, GE4: WORLD CIVILIZATIONS, GE3: WRLD, Effective Expression/Oral, Effective Expression/Written<br>Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## FRN375 French Literature before 1800 (4)

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: Liberal Arts, GE3: HUM, Effective Expression/Oral, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: FRN202 Minimum Grade of D-

## FRN376 French/Francophone Lit after 1800 (4)

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: Liberal Arts, GE3: HUM, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: FRN202 Minimum Grade of D-
FRN393 French Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

FRN399 Modular Course (1-3 credits; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: FRN202 Minimum Grade of D-
FRN404 Daily Life in France (3)
Cross-cultural analysis of selected elements of daily life in modern French society. Conducted in French.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:

Freshman
Prerequisites: FRN202 Minimum Grade of D-

FRN412 Problems Modern France (3)
No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: FRN202 Minimum Grade of D-

FRN493 French Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: FRN202 Minimum Grade of D-

## FRN494 Fieldwork In French

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.
Prerequisites: FRN202 Minimum Grade of D-

## FRN495 Independent Study French

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.
Prerequisites: FRN202 Minimum Grade of D-
FRN499 Modular Course ( $\mathbf{1} \mathbf{- 3}$ credits; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## 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

Study abroad for 6- weeks in Münster, Germany. In our SUNY New Paltz 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/Minor and can accelerate complementation of the German Contract Major or Minor.

## 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 208
E-mail: gavinb@newpaltz.edu

## Course Descriptions: German

## GER101 Elementary German I (3)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate

## GER102 Elementary German II (3)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: GER101 Minimum Grade of D- or German Language Placement 2

## GER193 German Selected Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate
GER199 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate

## GER201 Intermediate German I (3)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: GER102 Minimum Grade of D- or German Language Placement 3

## GER202 Intermediate German II (3)

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 intermediatelevel conversation, composition and analysis of readings and other media in German on culturally significant topics.

Attributes: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: GER201 Minimum Grade of D- or German Language Placement 4
GER293 German Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate
GER295 Independent Study German
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.

GER299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## GER311 German Comp and Conver I (3)

Intensive practice in conversation and free composition with emphasis on functional grammar and vocabulary building.

Attributes: Liberal Arts; GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: GER201 Minimum Grade of D-

## GER312 German Comp and Conver II (3)

Continuation of GER311.
Attributes: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: GER311 Minimum Grade of D-
GER316 Germany Today (3)
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: Liberal Arts, GE3: WEST, Effective Expression/Oral
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## GER317 Classic German Literature in English (3)

Extra-marital sex, suicide and mental instability appear with startling frequency as prime topics in "classic" German literature of the later 18th century. Writers include the Storm and Stress playwrights in addition to Goethe, Schiller, Kleist, Buchner, Schnitzler and Wedekind. Readings and classes conducted in English.

Attributes: Liberal Arts, GE3: HUM, Effective Expression/Oral
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

GER318 20 ${ }^{\text {th }}$-Century German Literature in English (3)
Under the long shadows cast by the horrors of two World Wars, the Holocaust and Chernobyl, German literature focuses on the individual's struggle for liberation and self-fulfillment.
Readings include fiction and drama of Kafka, Mann, Hesse, Brecht, Frisch, Weiss and Wolf. All readings and classes are conducted in English.

Attributes: Liberal Arts, GE3: HUM, Effective Expression/Oral
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## GER319 Women In German Lit \& Film (4)

Exploration of how women have been depicted by both sexes in German literature and films, ranging from the mundane or humorous to the neurotically suicidal or the deliberately shocking. Works also include those from East Germany, Switzerland and Austria. All readings and classes are in English.

Attributes: Liberal Arts, GE3: HUM, Effective Expression/Written, Ethical Reflection
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## GER320 The Jews Of Germany (3)

An examination of Jewish life, culture and civilization in Germany, from the earliest arrivals with the Roman legions along the Rhine nearly two thousand years ago, through the Middle Ages, the age of Enlightenment and the struggle for emancipation. All readings and classes are in English.

Attributes: Liberal Arts, GE3: WEST, Effective Expression/Written, Ethical Reflection
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

GER393 German Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

GER399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

GER493 German Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## GER494 Fieldwork In German

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.

## GER495 Independent Study German

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.

## 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. Lisa Dolasinski
Office: Old Main 209C
Phone: (845) 257-3405
E-mail: dolasinl@newpaltz.edu

## 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 of 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.

Prerequisite courses ${ }^{1}$ (9 credits)
ITA101 Elementary Italian I (3)
ITA102 Elementary Italian II (3)
ITA201 Intermediate Italian I (3)
Required course................................. 3 credits
ITA202 Intermediate Italian II (3)
Core electives

## 9-11 credits

Select three of the following courses:
ITA261 Italian Society in Film (in English) (4)
ITA262 Beyond the Godfather: New Perspectives on the Mafia (3)
ITA301 Italian Composition \& Conversation (3)
ITA331 Italian Literature in English I (3)
ITA332 Modern to Contemporary Italian Literature and Culture (3)
ITA375 Topics in Italian Cinema (in English) (4)
ITA441 Modern Italian Literature (in English) (3)
ITA393/493 Italian Selected Topic
ITA295/495 Independent Study Italian
Interdisciplinary electives. .6 credits
Select two cognate 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.
${ }^{1}$ 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.

## 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, Professor Lisa Dolasinski, 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.

## Course Descriptions: Italian

ITA101 Elementary Italian I (3)
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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
ITA102 Elementary Italian II (3)
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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: ITA101 Minimum Grade of D- or Italian Placement Level 2

## ITA193 Italian Selected Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate
ITA199 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## ITA201 Intermediate Italian I (3)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: ITA102 Minimum Grade of D- or Italian Placement Level 3

## ITA202 Intermediate Italian 2 (3)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: ITA201 Minimum Grade of D- or Italian Placement Level 4

## ITA261 Italian Society in Film (4)

The aim of this course is to understand better modern and contemporary Italy and Europe by viewing and discussing those movies produced in Italy which most reflect the nation, its culture and its society.
Attributes: Liberal Arts, GE3: WEST, Effective Expression/Oral
Restrictions: Must be enrolled in the following level: Undergraduate
ITA293 Italian Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## ITA295 Independent Study Italian

No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ITA299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate

## ITA301 Italian Comp and Conver (3)

Composition and conversation based on themes suggested by readings and by topics of current events.

Attributes: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: ITA202 Minimum Grade of D-

## ITA331 Italian Literature in English I (3)

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 be enrolled in the following level: Undergraduate; May 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-

## ITA332 Modern to Contemporary Italian Literature and Culture (3)

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.
Attributes: Liberal Arts, GE3: HUM, Effective Expression/Oral, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May 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-

## ITA375 Italian Cinema (4)

Evolution of Italian cinema from its origins to the present. Lecture, class discussion and viewing of representative films. In English. All films are in Italian with English subtitles.

[^5]ITA393 Italian Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

ITA399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ITA441 Modern Italian Literature (3)

Readings and discussions of works of major $20^{\text {th }}$-century Italian authors in the light of political, intellectual and social conditions of modern Italy.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May 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-

ITA493 Italian Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ITA494 Fieldwork In Italian

No description is available for this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.

ITA495 Independent Study Italian
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## Major in Spanish (36-49 credits)

An academic major is offered in Spanish language and literature for students in liberal arts or elementary and secondary education programs. A student is admitted to the major upon completion of Intermediate Spanish or placement. Students in the elementary education curriculum (Early Childhood \& Childhood Education B-6) may concentrate in Spanish; students in secondary education (Adolescence Education 7-12) may select Spanish as an option.

Basic language courses. 13 credits
SPA101 Elementary Spanish I (3)
SPA102 Elementary Spanish II (3)
SPA201 Intermediate Spanish I (3)
SPA202 Intermediate Spanish II (4)
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.

Additional required courses. .27 credits
SPA301 Spanish Composition and Conversation I (4) ${ }^{1}$
SPA361 Spanish Composition and Conversation II (4) ${ }^{1}$
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)
${ }^{1}$ Students whose home language is Spanish may substitute SPA315 Spanish for Native Speakers (4) for either SPA301 or SPA361.

Plus one of the following:
SPA363 Spanish Phonetics and Oral Practice (3)
SPA461 Advanced Spanish Composition (3)
SPA462 Advanced Spanish Grammar (3)
Required electives. $\qquad$ .9 credits
Each major is required to complete by advisement three (3) courses in Spanish at the 400 or 500 level.

## 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.

## Summer Program in Oviedo, Spain

In cooperation with the Department of Languages, Literatures \& Cultures and the University of Oviedo, the Office of International Education 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 Office of International Education 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 Office of International Education 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: Spanish SPA361.

## Course Descriptions: Spanish

## SPA101 Elementary Spanish 1 (3)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate

## SPA102 Elementary Spanish 2 (3)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: SPA101 Minimum Grade of D- or Spanish Placement Level 2

## SPA193 Spanish Selected Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate
SPA199 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate

## SPA201 Intermediate Spanish 1 (3)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate

## SPA202 Intermediate Spanish 2 (4)

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 intermediatelevel conversation, composition and analysis of readings and other media in Spanish on culturally significant topics.
Attributes: Liberal Arts, GE3: FLNG, Effective Expression/Written Restrictions: Must be enrolled in the following level: Undergraduate Prerequisites: SPA201 Minimum Grade of D- or Spanish Placement Level 4

SPA293 Spanish Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## SPA295 Independent Study Spanish

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course.

SPA299 Modular Course (1-3; may be repeated for credit) No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate

## SPA301 Communication and Culture in Spanish (4)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: SPA201 Minimum Grade of D- or Spanish Placement Level 5

## SPA315 Spanish for Native Speakers (4)

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 a Spanish-speaking country.

Attributes: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate

## SPA361 Communication and Writing in Spanish (4)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written; Research
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: SPA301 Minimum Grade of D- or SPA315 Minimum Grade of D- or Spanish Placement Level 6

## SPA363 Spanish Phonetics and Oral Practice (3)

Study and practice of Spanish phonetics for non-native speakers who have acquired basic skills in the language. Goal is improvement of sound patterns, pronunciation and articulation through discrimination, practice and internalization exercises.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SPA301 Minimum Grade of D- or Spanish Placement Level 6

## SPA365 The Culture and Civilization of Spain (4)

Cultural and historical evolution of Spain from the prehistoric to the $20^{\text {th }}$ century.
Attributes: Liberal Arts; GE3: WEST; Effective Expression/Oral
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SPA361 Minimum Grade of D-

## SPA372 Culture of Latin America (4)

Distinctive cultural and historical traits of Latin America from pre-Columbian times to the end of the 19th century. Conducted in Spanish.

[^6]
## SPA375 Survey of Spanish Literature (4)

A survey of major Spanish literary works from the $12^{\text {th }}$ to the $20^{\text {th }}$ century. Conducted in Spanish.

Attributes: Liberal Arts; GE3: HUM, Effective Expression/Oral
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SPA361 Minimum Grade of D-

## SPA376 Survey of Latin American Literature (4)

Survey of Latin American Literature explores and examines the literature of Latin America. A historical and cultural approach is employed to provide students with a broad view of Latin American texts.

Attributes: Liberal Arts; GE3: HUM, Effective Expression/Oral
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SPA361 Minimum Grade of D-
SPA393 Spanish Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

SPA399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## SPA460 Negotiating Identity (3)

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 assimilation and identity. Comparisons to U.S. immigrant population.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: SPA365 Minimum Grade of D- or SPA372 Minimum Grade of D- or SPA376 Minimum Grade of D-

## SPA461 Advanced Spanish Composition (3)

Intensive practice in written Spanish. Variants of style and selected problems in vocabulary and syntax. Conducted in Spanish.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: SPA361 Minimum Grade of D-

## SPA462 Spanish Grammar Review for Teachers (3)

The study of the structure of Spanish grammar, morphology and syntax. A systematic review of verbs and parts of speech. Study of idiomatic expressions in international Spanish usage.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SPA361 Minimum Grade of D-

## SPA463 The Text of Memory (3)

This course presents the theoretical approaches to the study of individual and collective memory through the analysis of cultural productions.

Attributes: Liberal Arts, Writing Intensive, Creative Works, Research
Restrictions: May 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-

## SPA466 Contemporary Spanish Literature (3; may be repeated for credit)

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: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May 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-

## SPA468 Golden Age Prose (3)

Selected masterpieces of the Siglo de Oro analyzed. Individual assignments and class reports in Spanish. Emphasis on prose writings.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SPA365 Minimum Grade of D- or SPA375 Minimum Grade of D-

## SPA469 Readings in Golden Age and Colonial Literature (3)

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: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May 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-

SPA470 Framing Angst: The Generation of '98 (3)
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: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May 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-

## SPA471 The Spanish-American Novel (3)

Analysis of Spanish-American novels as interpretations of Spanish-American life. Conducted in Spanish.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SPA372 Minimum Grade of D- or SPA376 Minimum Grade of D-

## SPA473 Modern Latin American Drama (3)

Analysis of literary and theatrical elements of drama: examine plot, character, themes, language; then, stage resources: setting, mood, gestures to understand unique qualities of dramatic genre. Conducted in Spanish.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SPA372 Minimum Grade of D- or SPA376 Minimum Grade of D-
SPA493 Spanish Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## SPA494 Fieldwork In Spanish

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## SPA495 Independent Study Spanish

No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

Additional Course Descriptions:<br>Arabic, Chinese, Hebrew, Japanese, KiSwahili, Portuguese, Russian

Instruction is offered in Arabic, Chinese, Hebrew, Japanese, KiSwahili, Portuguese, and Russian. While there are no major programs in these languages/cultures, some of these courses contribute to interdisciplinary majors or minors, including Asian Studies, Black Studies, Jewish Studies, and Latin American \& Caribbean Studies. Students may also wish to study these languages/ cultures for personal interest or to support their studies in history, political science, or international relations.

## Arabic

## ARB101 Elementary Arabic 1 (4)

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 Arabicspeaking world.

Attributes: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate

## ARB102 Elementary Arabic 2 (4)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written<br>Restrictions: Must be enrolled in the following level: Undergraduate<br>Prerequisites: ARB101 Minimum Grade of D-

## ARB295 Independent Study Arabic

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## Chinese

## CHI101 Elementary Chinese I (4)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate

## CHI102 Elementary Chinese II (4)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written Restrictions: Must be enrolled in the following level: Undergraduate Prerequisites: CHI101 Minimum Grade of D-

## CHI193 Chinese Selected Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## CHI199 Chinese Modular (1; may be repeated for credit)

No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## CHI201 Intermediate Chinese I (4)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: CHI102 Minimum Grade of D-

## CHI202 Intermediate Chinese II (4)

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 intermediatelevel conversation, composition and analysis of readings and other media in Chinese on culturally significant topics.

Attributes: Liberal Arts, GE3: FLNG, Effective Expression/Written Restrictions: Must be enrolled in the following level: Undergraduate Prerequisites: CHI201 Minimum Grade of D-

CHI293 Chinese Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## CHI295 Independent Study Chinese

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course.

## CHI296 Departmental Elective

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate

CHI299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
CHI301 Chinese Comp and Conv (3)
No description is available for this course.
Attributes: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: CHI102 Minimum Grade of D-

## CHI310 Spoken Mandarin (3)

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 and Intermediate Chinese (CHI201 and CHI2O2).

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

CHI393 Chinese Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## CHI396 Departmental Elective

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

CHI399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

CHI493 Chinese Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## CHI494 Fieldwork In Chinese

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.

## CHI495 Independent Study Chinese

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.

## Hebrew

## HEB101 Elementary Hebrew I (3)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate

## HEB102 Elementary Hebrew II (3)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: HEB101 Minimum Grade of D- or Hebrew Placement Level 2

## HEB193 Hebrew Selected Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate
HEB293 Hebrew Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## HEB295 Independent Study Hebrew

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

HEB393 Hebrew Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

HEB399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

HEB493 Hebrew Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## HEB494 Fieldwork In Hebrew

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.

## HEB495 Independent Study Hebrew

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.

## Japanese

## JPN101 Elementary Japanese I (4)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
JPN102 Elementary Japanese II (4)
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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: JPN101 Minimum Grade of D- or Japanese Placement Level 2

## JPN193 Japanese Selected Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## JPN199 Japanese Modular (1; may be repeated for credit)

No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## JPN201 Intermediate Japanese I (4)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: JPN102 Minimum Grade of D- or Japanese Placement Level 3

## JPN202 Intermediate Japanese II (4)

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-textbook readings in Japanese.

Attributes: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: JPN201 Minimum Grade of D- or Japanese Placement Level 4
JPN293 Japanese Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## JPN295 Independent Study Japanese

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course.

## JPN300 Japanese Aesthetics and Culture (3)

An exploration of traditional Japanese views and attitudes toward beauty as expressed in literature and art.

Attributes: Liberal Arts, Writing Intensive, GE3: HUM, Effective Expression/Aesthetic
Restrictions: Must be enrolled in the following level: Undergraduate; May 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-

## JPN301 Japanese Comp and Conv (3)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: JPN202 Minimum Grade of C- or Japanese Placement Level 5

## JPN310 Japanese Poetry (3)

Using English translations, the study of early Court poetry, medieval Imperial anthologies, poetic diaries, Noh theatre, Bunraku puppet theatre, and $20^{\text {th }}$-century poetry.
Attributes: Liberal Arts, GE3: HUM, Effective Expression/Aesthetic
Restrictions: Must be enrolled in the following level: Undergraduate; May 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-

## JPN311 Japanese Fiction (3)

Analysis of the characteristics of Japanese narrative through a study of major classical and modern works in English translation.
Attributes: Liberal Arts, GE4: WORLD CIVILIZATIONS, GE3: WRLD, Effective Expression/Written, Restrictions: Must be enrolled in the following level: Undergraduate; May 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-

## JPN320 Asian Americans (3)

An exploration of the lives of the more than eight million Americans who trace their origins to China, Japan, Korea, the Philippines, Southeast Asia, and the South Asian sub-continent.

Attributes: Liberal Arts, GE3: DIVR, Information Literacy
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

JPN393 Japanese Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

JPN399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

JPN493 Japanese Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## JPN494 Fieldwork In Japanese

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.

JPN495 Independent Study Japanese
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.

## KiSwahili

KIS101 Elementary KiSwahili I (3)
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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate

## KIS102 Elementary KiSwahili II (3)

The second half of an introduction to the KiSwahili language spoken widely in East Africa. The primary objectives of the course are to assist students 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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: KIS101 Minimum Grade of D-

## KIS201 Intermediate Kiswahili (3)

Continuation of KIS102 Elementary Kiswahili II with further training in oral and written communication skills.

[^7]
## Portuguese

## POR101 Elementary Portuguese I (4)

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: Liberal Arts, GE3: FLNG, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate

## POR102 Elementary Portuguese II (4)

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 Portuguesespeaking world.

Attributes: Liberal Arts, GE3: FLNG, Effective Expression/Written Restrictions: Must be enrolled in the following level: Undergraduate Prerequisites: POR101 Minimum Grade of D-

## POR193 Portuguese Selected Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## Russian

## RUS271 Russian Culture (3)

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 $10^{\text {th }}$ 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: Liberal Arts, GE3: WEST, Effective Expression/Written, Ethical Reflection
Restrictions: Must be enrolled in the following level: Undergraduate

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## Latin American \& Caribbean Studies

Phone: (845) 257-2990 (Program Director) or (845) 257-2975 (Program Secretary)
Location: Wooster Hall, Room 319 (Program Director)
Web Address: www.newpaltz.edu/las
The Latin American \& Caribbean Studies Program (LACS) offers students a broad, interdisciplinary perspective on the people, history, arts and literature, politics, economy, and geography of this vibrant region. Our program also promotes awareness of the relationships between Latin America, the Caribbean and the United States and of Latinx communities in the United States. LACS faculty are active teachers and scholars from a wide range of academic disciplines spread across multiple departments, including Anthropology, Black Studies, Communication, Economics, Geography, History; Languages, Literatures and Cultures; Political Science, Sociology, and Women's, Gender and Sexuality Studies. Faculty have ongoing research projects, using diverse methodologies, in Brazil, Colombia, Dominican Republic, Guatemala, Mexico, Peru, Puerto Rico, and Venezuela, as well as among Latinx in the United States. We sponsor and co-sponsor many academic, social and cultural events on campus every semester.

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. Combining a Latin American Studies major/minor with a Spanish major/minor enhances career options in the global market.

## Major in Latin American \& Caribbean Studies (30-42 credits)

## Required courses

$\qquad$ 6 credits
LAM270 Introduction to Latin American Studies (3)
Senior capstone experience (3)
Content courses 24 credits
These credits must be taken from at least four (4) different departments, distributed as follows:

## Group A: Social Sciences (at least 6 credits)

ANT304 Ancient Mesoamerica (3)
ANT305 Cultures of South America (3)

POL353 International Relations of the Americas (3)
POL371 Latin American Politics (3)
SOC336 Social Movements (3)
WOM430 Women in the Caribbean (3)
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 American Civilizations, 1492-1825 (3)
BLK309 Introduction to Afro-Brazilian History (3)
BLK311 Blacks in the Caribbean, 1492-Present (3)
BLK315 Black and Latino Children's Literature (3)
BLK325 History of Slavery in the Americas (3)
FRN320 Francophone Cultures (4)
HIS277 Latin American History to 1825 (4)
HIS278 Latin American History since 1825 (4)
HIS377 History of Mexico (3)
SPA372 Culture of Latin America (4)
SPA376 Survey of Latin American Literature (4)
SPA471 Spanish American Novel (3)
SPA473 Modern Latin American Drama (3)
THE208 Latin America Through the Arts (3)
Other courses by advisement, including selected-topics courses (XXX293, XXX393, XXX493)

Language proficiency in Spanish, French or
Portuguese through the Intermediate II (202)
Level, or demonstrated proficiency in another widely spoken language of the region. . 0-12 credits

## Minor in Latin American \& Caribbean 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.
Required course.

## 3 credits

LAM270 Introduction to Latin American Studies (3)
Elective courses.
.15 credits
Choose courses by advisement from at least three (3) different areas.

## Course Descriptions

Latin American \& Caribbean Studies is an interdisciplinary program whose courses are based in a variety of academic areas. Descriptions of courses based in Latin American \& Caribbean

Studies ("LAM" courses) appear below. Courses based in other academic areas are listed here and described elsewhere in this catalog. Please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found.

Subject codes for Latin American \& Caribbean Studies courses:

| ANT - Anthropology | POL - Political Science | WOM - Women's, |
| :--- | :--- | :--- |
| BLK - Black Studies | POR - Portuguese* | Gender, and Sexuality |
| FRN - French* | SED - Secondary Education | Studies |
| GEO - Geography | SPA - Spanish* |  |
| HIS - History | THE - Theatre Arts |  |

*For FRN, POR and SPA course descriptions, see Languages, Literatures \& Cultures.

- ANT304 Ancient Mesoamerica
- ANT305 Cultures of South America
- BLK205 The Black and Latino Experiences: Writing for Scholars
- BLK231 Development of Afro-Latin American Civilization (1492-1825)
- BLK309 Introduction to Afro-Brazilian History
- BLK311 Blacks in the Caribbean, 1492-Present
- BLK315 Black and Latino Children's Literature
- BLK325 History of Slavery in the Americas
- FRN320 Francophone Cultures
- HIS277 Latin American History to 1825
- HIS278 Latin American History Since1825
- HIS377 History of Mexico
- HIS378 Latinos(as) in the United States


## LAM270 Introduction to Latin American \& Caribbean Studies (3)

Broad historical and geographic outlines of Latin America stressing cultural diversity, economic development, and revolution and militarism. Case studies of individual countries.

Attributes: Liberal Arts, GE4: WORLD CIVILIZATIONS, GE3: WRLD, Effective Expression/Written Restrictions: Must be enrolled in the following level: Undergraduate

LAM293 Latin American \& Caribbean Studies Selected Topics (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate
LAM295 Independent Study Latin American \& Caribbean Studies
No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
LAM393 Latin American \& Caribbean Studies Selected Topic (1-12; may be repeated for credit)

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

LAM399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

LAM493 Latin American \& Caribbean Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## LAM494 Latin American \& Caribbean Studies Fieldwork

No description is available for this course.

## LAM495 Independent Study Latin American \& Caribbean Studies (3)

The required senior capstone course for Latin American \& Caribbean Studies majors is a 3-credit independent study project, supervised by a member of the Latin American \& Caribbean Studies faculty and completed during the student's final semester.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

- POL353 International Relations of the Americas
- POL371 Latin American Politics
- POR101 Elementary Portuguese I
- SED358 Education Across Borders
- SPA202 Intermediate Spanish II
- SPA301 Communication \& Culture in Spanish
- SPA361 Communication \& Writing in Spanish
- SPA372 Culture of Latin America
- SPA376 Survey of Latin American Literature
- SPA471 The Spanish-American Novel
- SPA473 Modern Latin American Drama
- THE208 Latin America Through The Arts
- WOM430 Women in the Caribbean


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# Law \& Politics: See Political Science \& International Relations 

## Linguistics

Phone: (845) 257-2745
Location: Jacobsen Faculty Tower 706
Web address: www.newpaltz.edu/linguistics
An interdepartmental minor program in linguistics is available to students interested in the scientific analysis and comparison of languages or in improving their theoretical understanding of language in connection with practical language study. Students who might be interested in a Linguistics minor would usually major in a subject such as anthropology, communication, computer science, English, languages, philosophy, psychology, sociology, and any education curriculum. Completion of the Linguistics minor adds strength to such majors.

For the minor in linguistics the student must take LIN201 Introduction to Linguistics and, by advisement, fifteen credits in courses from among those listed on the minor plan. Students must complete at least nine credits from outside his/her major department toward the linguistics minor.

For more information about this program, please contact:

Dr. Oksana Laleko<br>Program Director<br>lalekoo@newpaltz.edu

## Minor in Linguistics (18 credits)

Required courses
12 credits
LIN201 Introduction to Linguistics (3)
Any two of the following courses:
CMD302 Phonetics (3)
LIN364 Syntax (3)
LIN365 Semantics (3)
LIN380 Etymology and Morphology (3)
LIN413 Sociolinguistics (3)
Any one of the following courses:
ANT216 Language and Culture (3)
CMD306 Language Development in Children (3)
ENG327 Development of Modern English (3)
PSY402 Psychology of Language (3)

Electives. $\qquad$ 6 credits
Any of the courses listed above, excluding the four taken as required, or any of the following courses:

ANT406 Culture, Self \& Meaning (3)
BLK396 Black English: Language and Culture (3)
CMD101 Elementary American Sign Language 1 (3) or
CMD102 Elementary American Sign Language 2 (3)
CMM355 Nonverbal Communication (3)
CMM359 Communication Among Cultures (3)
CMM452 Communication and Gender (3)
LIN293 Selected Topics in Linguistics (3)
LIN295 Independent Study in Linguistics (3)
LIN393 Selected Topics in Linguistics (3)
LIN399 Modular Course in Linguistics (3)
LIN493 Selected Topics in Linguistics (3)
LIN494 Fieldwork in Linguistics (3)
LIN495 Independent Study in Linguistics (3)
PHI201 Symbolic Logic (3)
PHI336 Philosophy of Language (3)
At least nine of the eighteen credits should be from courses outside the student's major department.

## Course Descriptions

Linguistics is an interdisciplinary program whose courses are based in a variety of academic areas. Descriptions of courses based in Linguistics appear below (see course numbers beginning with "LIN"). Courses based in other academic areas are listed here and described elsewhere in this catalog. Please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found.

Subject codes for Linguistics courses: ANT - Anthropology, BLK - Black Studies, CMD Communication Disorders, CMM - Communication Studies, ENG - English, PHI - Philosophy, PSY - Psychology.

- ANT406 Culture, Self \& Meaning
- BLK396 Black English: Language and Culture
- CMD101 Elementary American Sign Language 1
- CMD102 Elementary American Sign Language 2
- CMD302 Phonetics
- CMD306 Language Development in Children
- CMM355 Non-verbal Communication
- CMM359 Communication Among Cultures
- CMM413 Sociolinguistics
- CMM452 Communication and Gender
- ENG327 Development of Modern English

LIN201 Intro To Linguistics: Basic phonetic and grammatical concepts for the scientific analysis and comparison of languages. Nature of dialects, language development, writing. Major language families.
Attributes: Liberal Arts, Systematic Inquiry, GE4: SOCIAL SCIENCE,GE3: SSCI
LIN293 Linguistics Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

LIN295 Indep Study Linguistics: No description is available for this course.
LIN364 Syntax: 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
Prerequisites: LIN201
LIN365 Semantics: 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.
Prerequisites: Math Placement Level 3 and LIN201.
LIN380 Etymology and Morphology: 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.
Prerequisites: LIN201.
LIN393 Linguistic Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

LIN399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
LIN493 Linguistic Selected Topics (1-12; may be repeated for credit)

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts.
Restrictions: May not be enrolled in the following class: Freshman.
LIN494 Fieldwork in Linguistics: No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman.
LIN495 Indep Study Linguistics: No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman.

- PHI201 Symbolic Logic
- PHI336 Philosophy of Language
- PSY402 Psychology of Language


## Medieval \& Early Modern Studies

Web address: www.newpaltz.edu/mems
The minor in Medieval and 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 take courses from seven academic departments: Art History, Black Studies, English, Languages, Literatures \& Cultures, History, Philosophy, and Political Science.

For more information about this minor, please contact Thomas Olsen via e-mail at olsent@newpaltz.edu.

## Minor in Medieval \& Early Modern Studies

- 18 Credits
- Courses from at least three academic departments
- At least two Medieval courses (6 credits) and at least two Early Modern courses (6 credits)
- Up to 9 credits may count for this minor and another minor or major


## List 1: Medieval

ARH363 Early Medieval Art
ARH364 Later Medieval Art: Gothic
ENG404 Medieval Literature
HIS207 Medieval Europe
HIS346 The Black Death
HIS348 Medieval Society

HIS355 Medieval Towns
HIS362 Medieval Spain
HIS363 Inquisition
HIS365 Jihad \& Crusades
HIS371 Jews in the Middle Ages
POL220 Athens \& Jerusalem: Political Thought in the Ancient \& Medieval Worlds

## List 2: Early Modern

ARH361 Art of the Renaissance in Italy
ARH362 Northern European Painting
ARH390 Italian Renaissance Painting
ARH391 Baroque Painting
ARH442 Eighteenth-Century Arts
BLK231 Development of Afro-Latin American Civilization
BLK301 Survey of Pre-Colonial Africa to 1800
BLK311 Blacks in the Caribbean
BLK450 Portuguese in Africa
ENG405 Elizabethan Literature
ENG406 Shakespeare I: Selected Works
ENG407 Shakespeare II: Selected Works
ENG408 Seventeenth-Century Literature
ENG413 Eighteenth-Century English Literature
ENG414 Rise of the Novel
ENG470 Major Authors: Milton
HIS277 Latin American History to 1825
HIS321 Colonial America
HIS322 The American Revolution
HIS349 Renaissance \& Reformation
HIS350 Early Modern Europe
HIS351 The Enlightenment
HIS352 Science, Magic, and Religion in the 17th Century
HIS354 Early Modern Cities
HIS357 History of England from 1485-1815
HIS470 Age of "Discovery," 1415-1780
ITA331 Italian Literature in English I
PHI215 Modern Philosophy
PHI372 Political \& Social Philosophy
POL323 Sovereigns, Subjects, and the State: Modern Political Thought
SPA468 Golden Age Prose
SPA469 Golden Age and Colonial Literature
List 3: Medieval or Early Modern*
ENG303 Introduction to British Literature

FRN375 French Literature before 1800
PHI311 Medieval \& Renaissance Philosophy

## *Note that courses on List 3: Medieval or Early Modern can be counted towards the Medieval OR Early Modern course requirement but not both.

## Course Descriptions

Medieval \& Early Modern Studies is an interdisciplinary program whose courses are based in a variety of academic areas. Descriptions of courses based in Medieval and Early Modern Studies appear below (see course numbers beginning with "MED"). Courses based in other academic areas are listed here and described elsewhere in this catalog. Please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found.

Subject codes for Medieval \& Early Modern Studies courses: ARH - Art History, BLK - Black Studies, ENG - English, FRN - French (Languages, Literatures \& Cultures), HIS - History, ITA - Italian (Languages, Literatures \& Cultures), POL - Political Science, SPA - Spanish (Languages, Literatures \& Cultures.)

- 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
- ARH383 Baroque and Rococo Art
- ARH390 Italian Renaissance Painting
- ARH391 Baroque Painting
- ARH440 Italian Art of the Sixteenth Century
- ARH442 Eighteenth-Century Arts
- BLK231 Development of Afro-Latin Amer. Civilization (1492-1825)
- BLK301 Survey of Pre-Colonial Africa to 1800
- BLK311 Blacks in the Caribbean, 1492-Present
- BLK450 The Portuguese in Africa
- 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
- HIS207 Medieval Europe
- HIS305 Women in Early Modern Europe
- HIS313 Women in Medieval Europe
- HIS321 Colonial America
- HIS322 The American Revolution
- HIS346 The Black Death
- HIS349 Renaissance and Reformation
- HIS350 Early Modern Europe
- HIS357 Hst England Fr 1485-1815
- HIS470 Age of "Discovery" 1415-1780
- ITA331 Italian Literature in English I

MED393 Medieval/Early Modern Studies Selected Topic (1-12; may be repeated for credit) Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

MED493 Medieval/Early Modern Studies Selected Topic (1-12; may be repeated for credit) Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

- POL220 Classical and Medieval Political Theory
- POL323 Modern Political Theory
- SPA468 Golden Age Prose
- SPA469 Intensive Readings in the Literature of the Golden Age Drama and Poetry


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## Native American Studies

The interdepartmental, interfaculty minor in Native American Studies is designed to promote cultural awareness of the unique heritage and significant contributions of the first Americans.

A minimum of 21 credits is required, to be selected from Native American courses listed below; up to 6 credits may be taken in courses listed under related areas below.

## Minor in Native American Studies (21 credits)

ANT303 Indians of North America (3)
ANT304 Ancient Mesoamerica (3)
ANT305 South American Indians (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

ANT315 Historical Archaeology (3)
ECO418 Economics of Development (3)
GEO111 Geography of the United States and Canada (3)
GEO311 Understanding Latin America (3)
GEO393 Geography Selected Topic: Land \& People of Brazil (3)

HIS303 The Empire State (3)
HIS321 Colonial America (3)
HIS393 History Selected Topic: Mexico (3)
SOC220 Social Inequality in the United States (3)
SOC315 Race and Ethnicity (3)

## Course Descriptions

Native American Studies is an interdisciplinary program whose courses are based in a variety of academic areas. Please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found.

Subject codes for Native American Studies courses:
ANT - Anthropology
ECO - Economics
HIS - History
SOC - Sociology

- ANT303 Indians of North America
- ANT304 Ancient Mesoamerica
- ANT305 Cultures of South America
- ANT312 North American Archaeology
- ANT314 New York State Archaeology
- ANT315 Historical Archaeology
- ANT434 Archaeological Field School
- ECO418 Economics of Development
- HIS303 The Empire State
- HIS308 Indians of New York State
- HIS309 Indians of the United States
- HIS310 Indians of the Eastern Woodlands
- HIS321 Colonial America
- SOC220 Social Inequality in the United States
- SOC315 Race and Ethnicity


## Philosophy

Phone: (845) 257-2980
Location: Jacobson Faculty Tower, Room 916
Web address: 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 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 major or minor in philosophy. 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.

## Major in Philosophy (36 credits)

Required courses...................................... 21 credits
PHI201 Symbolic Logic (3)
PHI211 Ancient Greek Philosophy (3)
PHI215 Modern Philosophy (3)
PHI304 Ethics (3)
PHI471 Theory of Knowledge (3) OR PHI474 Metaphysics (3)
PHI490 Seminar (3)
One course in non-western philosophy, by advisement (3)*

* Courses meeting the non-western requirement currently include PHI251 Indian Philosophy, PHI252 East Asian Philosophy, PHI330 Chinese Philosophy, and PHI332 Buddhist Philosophy.

Electives. .15 credits
A student must take at least five philosophy courses. Of that five, no more than one of PHI120 (Introduction to Philosophy: Classics) or PHI130 (Introduction to Philosophy: Problems) and 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 Modern Political Theory, or LIN365 Semantics) may also fulfill the elective requirement.

## Minor in Philosophy (18 credits)

18 credits in philosophy, 9 of which must be in upper-division courses.

## Course Descriptions

## PHI110 Reason and Argument (3)

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

## PHI120 Intro to Philosophy: Classics (3)

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.)

Attributes: Liberal Arts; GE3: WEST, Effective Expression/Written, Ethical Reflection, Systematic Inquiry

## PHI130 Intro to Philosophy: Problems (3)

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.)

Attributes: Liberal Arts; GE3: HUM, Effective Expression/Written, Ethical Reflection, Systematic Inquiry

## PHI180 Contemporary Moral Issues (3)

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: Liberal Arts; GE3: HUM

PHI190 Elements of Reasoning (1)
Brief introduction to the elements of informal logic: the recognition, analysis, and evaluation of arguments.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## PHI193 Selected Topics, Philosophy

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

## PHI201 Symbolic Logic (3)

Techniques for determining the correctness of statements and arguments. Topics include truthfunctional and quantificational logic.

Attributes: Liberal Arts; GE3: MATH, Systematic Inquiry
Prerequisites: Math Placement Level 3 or (MAT193 Minimum Grade of C- or MAT152 Minimum Grade of C- or MAT153 Minimum Grade of C-)

## PHI211 Ancient Greek Philosophy (3)

A general introduction to the origin and development of philosophical thought among the PreSocratics, 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: Liberal Arts; GE3: WEST, Effective Expression/Written, Ethical Reflection, Systematic Inquiry

## PHI215 Modern Philosophy (3)

Philosophy of the $17^{\text {th }}$ and $18^{\text {th }}$ 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: Liberal Arts; GE3: WEST, Effective Expression/Written, Systematic Inquiry
PHI251 Indian Philosophy (3)
Survey of philosophical texts and schools from India, including Hindu and Buddhist representatives. Possible topics include the nature of reality, knowledge, the individual, the point of human life, and the problem of suffering.

Attributes: Liberal Arts; GE4: WORLD CIVILIZATIONS, GE3: WRLD, Effective Expression/Written, Ethical Reflection, Systematic Inquiry

## PHI252 East Asian Philosophy (3)

Survey of East Asian philosophy, focusing on three philosophical (and religious) traditions, Confucianism, Daoism, and Buddhism, and their differing views of human nature, culture and ritual, our relation to the world, and how best to live.

Attributes: Liberal Arts; GE4: WORLD CIVILIZATIONS, GE3: WRLD, Effective Expression/Written, Ethical Reflection, Systematic Inquiry

PHI293 Selected Topics Philosophy (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts

## PHI295 Independent Study Philosophy

No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
PHI299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

## PHI303 Environmental Ethics (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI304 Ethics (3)

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: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI305 Business Ethics (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI306 Biomedical Ethics (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI307 Philosophy of Mind (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI308 Philosophy and Technology (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI310 Later Greek and Roman Philosophy (3)

Selected works of the ancient Stoics, Epicureans, Skeptics, and Neoplatonists in their historical and cultural context.

Attributes: Liberal Arts; GE3: WEST, Effective Expression/Written, Ethical Reflection, Systematic Inquiry Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI311 Medieval and Renaissance Philosophy (3)

Selected works of Jewish, Islamic, and Christian philosophers of the medieval period. The transition from the Middle Ages to Modernity in the Renaissance.

Attributes: Liberal Arts; GE3: WEST, Effective Expression/Written, Ethical Reflection, Systematic Inquiry Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI314 19 ${ }^{\text {th }}$-Century Philosophy (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI320 God, World, and Soul (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI321 Religion, Ethics, and Society (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI325 The Meaning of Life (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI330 Chinese Philosophy (3)

The thought of the classical period of Chinese philosophy. Topics include human nature, selfcultivation, and proper government. Particular attention given to Confucianism and Daoism.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI332 Buddhist Philosophy (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI336 Philosophy of Language (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI341 Philosophy and Literature (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI343 Aesthetics (3)

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: Liberal Arts; GE3: HUM, Effective Expression/Written, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman

## PHI344 Philosophy of the Arts (3)

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: Liberal Arts; GE3: HUM, Effective Expression/Written, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI352 Existentialism (3)

Selected works of philosophers on existence and being in their historical, cultural, and spiritual contexts.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI353 Phenomenology (3)

Selected works on phenomenological method in their historical, cultural, and spiritual context.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI357 Philosophy of Love and Sex (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI372 Political and Social Philosophy (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI375 Philosophy of Law (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI381 Contemporary Philosophers (3; may be repeated for credit)

Major works of selected contemporary philosophers, such as Whitehead, Russell, Wittgenstein, or Heidegger.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PHI382 Contemporary Buddhism (1)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

PHI393 Selected Topics Philosophy (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

PHI399 Modular Course (1-3; may be repeated for credit) No description is available for this course.

Attributes: Liberal Arts
PHI461 Philosophy of Natural Science (3)
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: May not be enrolled in the following class: Freshman

## PHI465 Philosophy of Social Science (3)

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: May not be enrolled in the following class: Freshman

## PHI471 Theory of Knowledge (3)

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: Liberal Arts, Writing Intensive
Restrictions: May not be enrolled in the following class: Freshman

## PHI474 Metaphysics (3)

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: Liberal Arts, Writing Intensive
Restrictions: May not be enrolled in the following class: Freshman

## PHI490 Seminar (3; may be repeated for credit)

An advanced seminar on a selected topic. The course may be taken multiple times.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

PHI493 Selected Topics Philosophy (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman

## PHI494 Fieldwork in Philosophy

No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

PHI495 Independent Study Philosophy
No description is available for this course.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## Faculty

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## Political Science \& International Relations

Phone: (845) 257-3540
Location: Jacobson Faculty Tower (JFT) Room 814
Web address: www.newpaltz.edu/polisci_intlrela
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 so they can pursue careers, as well as the 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 prelaw training, in 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.

## Major in International Relations (39 credits, minimum)

- 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.

Required courses. $\qquad$ 21 credits
POL227 Introduction to International Politics (4)
POL300 Political Science Research Methods (4)
POL404 Seminar in International Relations (4) or POL401/403/405/406 Senior Seminar (4)
One of the following:
POL353 International Relations of the Americas (3)
POL363 Chinese Foreign Policy and the US (3)
POL365 International Politics of the Asia-Pacific (3)
POL366 Contemporary American Foreign Policy (3)
HIS379 U.S. Foreign Policy Since 1898 (3)
One of the following:
ANT214 Cultural Anthropology (3)
ANT404 Political Anthropology (3)
GEO201 Human Geography (3)
One of the following *:
ECO309 Economics of Latin America (3)
ECO310 Economic Development of Asia-Pacific (3)
ECO401 International Trade and Finance (3)
ECO418 Economics of Development (3)
*Or another international economics course approved by the chair. Note that each of the courses listed has a required prerequisite of ECO206 or ECO207.

## Elective courses.

 .18 credits (minimum)Select twelve (12) credits, by advisement, from courses accepted for the International Relations major and minor (listed below). 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.

- 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 (4) may count toward the world-area requirement or as an upper-division Political Science elective.


## Courses accepted for International Relations credit (major or minor):

Any course not on this list but included in the Schedule of Classes under International Relations will count for credit in the major or minor.

ANTHROPOLOGY
ANT214 Cultural Anthropology
ANT305 Cultures of South America
ANT404 Political Anthropology
ANT421 Gender and Anthropology

## BLACK STUDIES

BLK200 Introduction to Africa
BLK302 Survey of Contemp. Africa: 19th Century to Present
BLK309 Introduction to Afro-Brazilian History
BLK311 Blacks in the Caribbean: 1492 to Present
BLK347 History of South Africa
BLK450 The Portuguese in Africa

## ECONOMICS

ECO309 Economics of Latin America
ECO310 Economic Development of Asia-Pacific
ECO401 International Trade \& Finance
ECO418 Economics of Development

## FRENCH

FRN319 French Civilization
FRN320 Francophone Cultures

## GEOGRAPHY

GEO201 Human Geography
GEO211 World Geography
GEO213 Economic Geography
GEO331 Gender \& Environment
GEO411 Political Geography
GEO506 Contemporary China
GERMAN
GER316 Germany Today

## HISTORY

HIS214 Modern Europe 1500 to Present
HIS215 China to 1800
HIS216 Modern China

HIS311 Modern Germany
HIS317 World War II
HIS333 Soviet Union
HIS334 Gandhi
HIS335 Modern Japan
HIS340 Iran
HIS343 History of Islam and the Middle East 570-1918
HIS344 The Middle East in the 20th Century
HIS353 20th-Century Europe
HIS373 The Holocaust
HIS377 History of Mexico
HIS407 Intellectual History of 19th-Century Europe
HIS467 The United States in Vietnam

## LATIN AMERICAN \& CARIBBEAN STUDIES

LAM270 Introduction to Latin American Studies

## POLITICAL SCIENCE

POL220 Athens \& Jerusalem: Political Thought in the Ancient \& Medieval Worlds
POL227 Introduction to International Politics
POL229 Introduction to Comparative Politics
POL300 Political Science Research Methods
POL323 Sovereigns, Subjects and the State: Modern Political Thought
POL324 International Relations Theory
POL336 Middle Eastern Politics \& Institutions
POL339 Model United Nations
POL341 Revolution and Counterrevolution
POL342 Politics of Developing Areas
POL344 Politics of International Economic Organizations
POL345 War and International Politics
POL346 International Political Economy
POL347 Politics of Environment and Development
POL353 International Relations of the Americas
POL354 European Politics \& Government
POL357 International Law
POL362 Politics of China \& India
POL363 Chinese Foreign Policy and the U.S.
POL364 Nationalism in World Politics
POL365 International Politics of the Asia-Pacific
POL366 American Foreign Policy
POL368 Defense Issues in American Foreign Policy
POL369 Governments and Politics of China and Japan
POL370 United Nations Semester (6 credits)
POL371 Latin American Politics
POL372 International Relations of the Middle East

POL373 Russian Politics: Past \& Present
POL374 Politics of the European Union
POL379 Women in Politics
POL390 Junior Seminar in Political Science
POL393 Political Science Selected Topic
POL401 Seminar in American Government \& Politics
POL403 Seminar in Comparative Politics
POL404 Seminar in International Relations
POL405 Seminar in Political Theory
POL406 Seminar in Law
POL480 Government Internship
POL484 State Politics Semester
POL493 Political Science Selected Topic
POL494 Fieldwork In Political Science
POL495 Independent Study in Political Science
[See also Study Abroad, below]

## RELIGIOUS STUDIES

REL275 Islam: An Introduction

## SOCIOLOGY

SOC310 Comparative Political Economy
SOC380 Social and Economic Development

## SPANISH

SPA365 Culture \& Civilization of Spain
SPA372 Culture of Latin America

## STUDY ABROAD

SAB353 Global Engagement Program (9 credits)

## WOMEN'S, GENDER, AND SEXUALITY STUDIES

WOM340 Transnational Feminism
WOM430 Women in the Caribbean
NOTE: Selected Topic courses $(293,393,493)$ appearing in the Schedule of Classes under International Relations will count as electives in the major or minor.

## 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.


## Required courses

 .24 creditsPOL216 American Government and Politics (4)
POL227 Introduction to International Politics (4)
POL229 Introduction to Comparative Politics (4)
POL300 Political Science Research Methods (4)
POL401/403/404/405/406 Senior Seminar (4) - See course list for details
One of the following:
POL220 Athens \& Jerusalem: Political Thought in the Ancient \& Medieval Worlds (4)
POL323 Sovereigns, Subjects \& the State: Modern Political Thought (4)
Political Science electives. $\qquad$ 18-19 credits
Select twelve (12) credits from one of the following sub-fields (area concentrations) and six (6) credits from the remaining four:
Political Theory
American Government
International Relations
Comparative Politics
Law

- 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 (4) may count toward the sub-field requirement or as an upper-division Political Science elective.


## Minor in International Relations (19 credits)

## Required courses <br> 10 credits <br> POL227 Introduction to International Politics (4)

One of the following:
POL353 International Relations of the Americas (3)
POL363 Chinese Foreign Policy and the US (3)
POL365 International Politics of the Asia-Pacific (3)
POL366 Contemporary American Foreign Policy (3)
HIS379 U.S. Foreign Policy Since 1898 (3)
One of the following:
ANT214 Cultural Anthropology (3)
GEO274 Environment and Culture (3)
PLUS:
Elective courses. 9 credits

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.

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.

## 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 (a) the role of law in America, (b) the history, organization, and dynamics of legal institutions, (c) the relationship of law to contemporary social questions, (d) legal principles governing business, commerce, and labor, and (e) law in the contemporary international system.

Required courses .9 credits
POL350 Introduction to Law (3)
POL317 The American Judiciary (3)
One of the following courses:
POL351 Constitutional Law: National Government (3)
POL352 Constitutional Law: Civil Liberties (3)
Electives. 9 credits
Three of the following courses:
BLK335 Blacks and American Law (3)
BUS271 Legal Environment o Business (3) ${ }^{1}$
BUS272 Business Law for Accountants (3) ${ }^{1}$
DMJ452 Mass Media Law (3)
PHI304 Ethics (3)
PHI305 Business Ethics (3)
PHI375 Philosophy of Law (3)
POL329 Political Obligation and Punishment (3)
POL351 Constitutional Law: National Government (3) ${ }^{2}$
POL352 Constitutional Law: Civil Liberties (3) ${ }^{2}$
POL355 Criminal Law (3)
POL356 Sex Discrimination \& the Law (3)
POL357 International Law (3)
SOC305 Juvenile Delinquency (3)
SOC332 Criminological Theory (3)
WOM320 Reproductive Law and Policy (3)
${ }^{1}$ A maximum of three credits of BUS271 Legal Environment of Business or BUS272 Business Law for Accountants may be credited toward the minor.
${ }^{2}$ The Constitutional Law course not taken as a required course may be taken as an elective.

Up to three credits 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.

## Minor in Political Science (19 credits)

Required course. .4 credits
POL216 American Government and Politics (4)
Electives .15 credits
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.

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.

## Honors

A departmental honors program allows the department to recognize student excellence in Political Science or International Relations. Student majors who maintain a college GPA and a GPA in Political Science or International Relations of 3.3 may apply to do individual Honors Research (POL491) for 3 credits. The full department will review the student's final paper, and will determine whether it warrants a recommendation of "Honors in Political Science" or "Honors in International Relations."*
*Please note that the department is considering changes to its requirement for departmental honors. Interested students should check with the department about the status of these revisions.

A chapter of Pi Sigma Alpha, the national political science honor society, was established by the department at SUNY New Paltz in 1979 and charter members were inducted in that year. Each year, outstanding eligible undergraduates at New Paltz are invited to join the society. Membership is open to students, regardless of major, if they meet the following requirements: 1) completion of at least 60 college credits; 2) completion of at least 15 credits in Political Science, either at SUNY New Paltz or in transfer; 3) completion of at least 3 credits of Political Science at the upper-division (300) level; 4) a GPA of at least 3.3 in Political Science classes, at SUNY

New Paltz and at other schools; and 5) an overall GPA of at least 3.0, at SUNY New Paltz and at other schools.

## Course Descriptions

## POL193 Political Science Selected Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

POL199 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate

## POL210 The Nature of Political Thinking (3)

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: Liberal Arts, GE3: HUM, Effective Expression/Written Restrictions: Must be enrolled in the following level: Undergraduate

## POL216 American Govt and Politics (4)

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, GE3: USST, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate

POL220 Athens \& Jerusalem: Political Thought in the Ancient \& Medieval Worlds (4)
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: Liberal Arts, GE3: WEST, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate

## POL227 Intro International Politics (4)

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: Liberal Arts, GE4: SOCIAL SCIENCE,GE3: SSCI, Systematic Inquiry<br>Restrictions: Must be enrolled in the following level: Undergraduate

## POL229 Intro to Comparative Politics (4)

Study of the major political systems of the world through the use of comparative theories and techniques.
Attributes: Liberal Arts, GE4: WORLD CIVILIZATIONS, GE3: WRLD, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate
POL293 Political Science Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## POL295 Independent Study Political Science

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

POL299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate
POL300 Political Science Research Methods (4)
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: Liberal Arts; Research
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: International Relations (534), Political Science (533); May not be enrolled in the following class: Freshman 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-

## POL301 State Politics (3)

The organization and operation of government and politics in the American States. Fiscal and policy relationships with the national government, in the context of the federal system. Special emphasis on New York State.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL302 Political Parties and Interest Groups (3)

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.

[^8]
## POL303 Campaigns and Elections (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL305 American Legislative Process (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL310 Public Management (3)

Introduction to the principles and practices of administrative organization and management in government.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL311 American Environmental Politics (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL316 American Public Policies (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL317 The American Judiciary (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: POL216 Minimum Grade of C-

## POL318 Local Politics (3)

The operation and interaction of cities and suburbs, counties, towns and villages. The workings of public benefit corporations, school districts and other special purpose local governments. Special emphasis on local government in New York.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman

## POL319 Politics and Media (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL320 Protest Movements (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL323 Sovereigns, Subjects, and the State: Modern Political Thought (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL324 International Relations Theory (3)

A theoretical examination of the main ideas of several different competing schools of thought within the field of international relations.

[^9]POL325 Power, Justification, Discipline: Political Thought in the 20 ${ }^{\text {th }}$ Century (3) Considers post- and anti-Enlightenment theories of the political in the $20^{\text {th }}$ century, including readings from Nietzsche, Heidegger, Schmitt, Arendt, Foucault and Agamben.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL326 Politics and Theater (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL327 Liberalism and its Critics (3)

Examines philosophical underpinnings of contemporary liberal theory as well as significant responses to it including communitarian, conservative and liberatarian thought. Readings include selections from John Rawls, Robert Nozick, Alasdair MacIntyre, Charles Taylor, Michael Oakeshott, Michael Sandel and others.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL329 Political Obligation and Punishment (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

POL331 American Political Thought (3)
Origin, development, and nature of theories which have significantly influenced the development of American politics.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL332 The American Presidency (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL334 Film and Politics (3)

Examines the social and political implications of documentaries, Hollywood-style, independent, and foreign films.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL336 Middle Eastern Politics and Institutions (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL339 Model United Nations (3; may be repeated for credit)

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: Liberal Arts; Research, Civic Engagement, Field Study, International \& Domestic Travel Exchange Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL341 Revolution and Counterrevolution (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL342 Politics of Developing Areas (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL344 Politics of International Economic Organizations (3)

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 be enrolled in the following level: Undergraduate; May 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-

## POL345 War and International Politics (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: POL227 Minimum Grade of C-

## POL346 International Political Economy (3)

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 be enrolled in the following level: Undergraduate; May 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-

## POL347 Politics of Environment and Development (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL350 Introduction to Law (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL351 Constitutional Law: National Government (3)

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<br>Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman<br>Prerequisites: POL216 Minimum Grade of C-

## POL352 Constitutional Law: Civil Liberties (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: POL216 Minimum Grade of C-

## POL353 International Relations of the Americas (3)

International political, military, diplomatic and economic relations of the Western hemisphere in the $20^{\text {th }}$ century; US-Latin American relations, especially post-World War II; regional trends of economic restructuring and integration (NAFTA, Andean Pact, MERCOSUR) in the 1980s and 1990s.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL354 European Politics and Government (3)

Comparative study of government and politics under the constitutional systems of Western Europe.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL355 Criminal Law (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL356 Sex Discrimination and the Law (3)

Study of the legal underpinnings 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL357 International Law (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL362 Politics of China and India (3)

Comparative study of socio-economic and political development in China and India..
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL363 Chinese Foreign Policy \& the US (3)

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 USChina relations.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL364 Nationalism in World Politics (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL365 International Politics of the Asia-Pacific (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

POL366 American Foreign Policy (3)
Examination of historical and institutional foundations and applications of American foreign policy.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:

Freshman
Prerequisites: POL216 Minimum Grade of C- or POL227 Minimum Grade of C-

## POL368 Defense Issues in American Foreign Policy (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL369 Governments and Politics of China and Japan (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL370 United Nations Semester (6)

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: Liberal Arts; Research, Civic Engagement, Field Study, International \& Domestic Travel Exchange Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL371 Latin American Politics (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL372 International Relations of the Middle East (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL373 Russian Politics: Past and Present (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL374 Politics of the European Union (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL379 Women in Politics (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL384 State Politics Semester (5)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

POL390 Junior Seminar in Political Science (4; may be repeated for credit)
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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following classes: Senior, Junior
Prerequisites: POL216 Minimum Grade of C- and POL227 Minimum Grade of C- and POL229 Minimum Grade of C- and POL300 Minimum Grade of C- and (POL323 Minimum Grade of C- or POL220 Minimum Grade of C-)

POL393 Political Science Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

POL399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL401 Seminar in American Government and Politics (4)

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: Liberal Arts, Writing Intensive

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Political Science (533); Must be enrolled in one of the following classes: Senior, Junior
Prerequisites: POL300 Minimum Grade of C- POL216 Minimum Grade of C-

## POL403 Seminar in Comparative Politics (4)

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: Liberal Arts, Writing Intensive<br>Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: International Relations (534), Political Science (533); Must be enrolled in one of the following classes: Senior, Junior<br>Prerequisites: POL300 Minimum Grade of C- and POL229 Minimum Grade of C-

## POL404 Seminar in International Relations (4)

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: Liberal Arts; Writing Intensive; Research, Civic Engagement, International \& Domestic Travel Exchange
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: International Relations (534), Political Science (533); Must be enrolled in one of the following classes: Senior, Junior
Prerequisites: POL300 Minimum Grade of C- and POL227 Minimum Grade of C-

## POL405 Seminar in Political Theory (4)

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: Liberal Arts, Writing Intensive
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Political Science (533); Must be enrolled in one of the following classes: Senior, Junior
Prerequisites: POL300 Minimum Grade of C- and POL220 Minimum Grade of C- and POL323 Minimum Grade of C-

## POL406 Seminar in Law (4)

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: Liberal Arts, Writing Intensive
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Political Science (533); Must be enrolled in one of the following classes: Senior, Junior
Prerequisites: POL300 Minimum Grade of C- POL216 Minimum Grade of C-

## POL480 Government Internship (9)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL481 Government Fieldwork I (3)

Taken in conjunction with POL480.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL482 Government Fieldwork 2 (3)

No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL484 State Politics Semester (15)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following classes: Senior, Junior
Prerequisites: POL216 Minimum Grade of C-

## POL485 Legislative Gazette (6)

Full-time internship in Albany producing the Legislative Gazette. Participants must be enrolled simultaneously in Journalism Fieldwork courses, as determined by advisement.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL491 Honors Research (3; may be repeated for credit)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

POL493 Political Science Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## POL494 Fieldwork In Political Science

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## POL495 Independent Study Political Science

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

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## Psychology

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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 of psychology, (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. Since psychology is an empirically based science, it is desirable for psychology majors to have the skills both to interpret and to generate new information. To that end, courses in statistics and research methodology are required of all majors. In addition, all psychology majors take a capstone, writing-intensive 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. Elective courses in anthropology, biology, business, communications, computer science, history, philosophy, political science, and sociology are strongly recommended.

To declare a major in Psychology, students must have at least a 2.75 total cumulative grade point average and a Math Placement Level (MPL) of 3 or higher. They must also have completed PSY272 Introductory Psychology.

The Department of Psychology also offers two minors. The Psychology minor 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 provides a background in the application of psychology to business and other organizational settings. This minor is
particularly appealing to Business, Communication Studies, and Digital Media \& Journalism majors. Both are 18-credit (6-course) minors.

Students also have the opportunity to minor in either or both of the following interdisciplinary programs housed within the Psychology Department:

Minor in Disaster Studies (18 credits)
The Disaster Studies minor 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 (Disaster Psychology and Practicum in Psychology), 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).

Minor in Evolutionary Studies (18 credits)
The Evolutionary Studies minor 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. Tom Nolen (Department of Biology - 845-257-3753 or nolent @ newpaltz.edu) or founding director Dr. Glenn Geher (Department of Psychology - 845-257-3091 or geherg@newpaltz.edu).

## Major in Psychology (40*-41 credits)

* Students who receive three (3) transfer credits for a course considered equivalent to PSY275 Psychological Statistics may fulfill the major requirements with 40 credits.

Note: A maximum of six (6) transfer courses in Psychology and nine (9) transfer courses overall will be counted toward the major.

To declare a major in Psychology, students must have:

- Completed PSY272 Introductory Psychology
- A total cumulative grade point average of 2.75 or better and
- A Math Placement Level (MPL) of 3 or higher.

Current plans of study appear below for the following Psychology programs:

- Major: Psychology
- Concentration in Psychobiology
- Concentration in I/O Psychology

Please be aware that if you declared one of these majors in a previous academic year, your plan of study may differ. See your advisor with any questions.
Introductory requirement

$\qquad$
.3 creditsPSY272 Introductory Psychology (3)
Methodological skills requirement ..... 8 credits
PSY275 Psychological Statistics (4) - See * note above regarding transfer equivalenciesPSY311 Psychological Research Methods (4) [prerequisite: PSY275]Content area studies.18 credits
Physiology, Learning \& Cognition (choose 2)
PSY303 Introduction to Psychology of Learning (3)
PSY305 Psychology of Perception (3)
PSY310 Psychology of Memory \& Thinking (3)
PSY402 Psychology of Language (3)
PSY403 Health Psychology (3, WI)
PSY436 Physiological Psychology (3)
Social, Developmental \& History (choose 2)
PSY302 History \& Systems in Psychology (3)
PSY306 Social Psychology (3)
PSY308 Psychology of Motivation (3)
PSY343 Psychology of Infancy \& Childhood (3)
PSY344 Psychology of Adolescence \& Adulthood (3)
PSY350 Psychology of Women (3)Personality \& Abnormal (choose 1)
PSY313 Psychology of Personality (3)
PSY412 Abnormal Psychology (3)
PSY440 Clinical and Counseling Psychology (3)
Applied (choose 1)
PSY304 Industrial Psychology (3)
PSY315 Basics of Organizational Psychology (3)
PSY456 Disaster Psychology ..... (3)
PSY458 Introduction to Psychological Testing (3) [prerequisite: PSY275]
Capstone experience. ..... 3 credits
PSY498 Seminar in Psychology (3, WI) [prerequisite: PSY311]
Electives ..... 9 credits
Choose three (3) courses. Each of the three may come from either this list OR may be anadditional course coming from ANY of the categories above.

PSY273 Psychology of Adjustment (3)
PSY295 Independent Study Psychology PSY307 Evolutionary Psychology (3) PSY309 Constructivism (3)

PSY318 Group Behavior (3)
PSY320 Behavior Modification (3)
PSY330 Crisis Intervention (4)
PSY393 Psychology Selected Topic
PSY442 Psychological Study of Social

Problems (3)
PSY493 Psychology Selected Topic
PSY494 Fieldwork in Psychology
Research experience
.
At least 12 half-hour experiential credits (i.e., 6 hours) completed.

## Major in Psychology with a Concentration in Psychobiology (61-68 credits)

Many graduate programs in psychology regard a broad undergraduate background in natural, physical, and social sciences as the best preparation for graduate study. For those 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, the department offers a concentration in psychobiology.

To declare the concentration in psychobiology, you must have a transcript that indicates:

1) Completion of Introductory Psychology (PSY272)
2) An overall GPA of 2.75 or better and a Math Placement Level (MPL) of 3 or higher.

Note: A maximum of six (6) transfer courses in Psychology and nine (9) transfer courses overall will be counted toward the major.

## Required Psychology courses.............................. 41 credits

Completion of Liberal Arts \& Sciences major in Psychology plus the following:
Required course...................................
PSY436 Physiological Psychology (3)
Physiology, Learning \& Cognition courses. $\qquad$ 6 credits
Choose two (2) of the following:
PSY303 Introduction to Psychology of Learning (3)
PSY305 Psychology of Perception (3)
PSY307 Evolutionary Psychology (3)
PSY310 Psychology of Memory \& Thinking (3)
PSY343 Psychology of Infancy \& Childhood (3)
PSY402 Psychology of Language (3)
PSY403 Health Psychology (3) [WI]
Required Biology courses.
15-16 credits
BIO201 General Biology I (3) and BIO211 General Biology I Lab (1)
BIO202 General Biology II (3) and BIO212 General Biology II Lab (1)
BIO320 Genetics (3) and BIO321 Genetics Lab (1)
Plus one of the following courses (3-4 credits):
BIO370 Animal Physiology (4)

BIO412 Evolutionary Theory (3)
BIO418 Animal Behavior (3)
Electives
9-11 credits
Choose three (3) courses from the course lists of the Departments of Anthropology, Biology, Chemistry, Physics, and Psychology. A list of potential courses appears below. Other courses might be chosen with the agreement of the Psychobiology advisor.

ANT301 Human Evolution (3) [Anthropology]<br>BIO349 Biology Research (3) [Biology]<br>BIO491 Capstone Research (3) [Biology]<br>CHE201 and CHE211 General Chemistry I (3) and General Chemistry I Lab (1) [Chemistry] CHE202 and CHE212 General Chemistry II (3) and General Chemistry II Lab (1) [Chemistry] CHE318 and CHE306 Organic Chemistry I (3) and Organic Chemistry I Lab (1) [Chemistry] CHE319 and CHE309 Organic Chemistry II (3) and Organic Chemistry II Lab (1) [Chemistry] CHE461 Biochemistry (3) [Chemistry]<br>PHY201 and PHY211 General Physics I (3) and Physics I Lab (1) [Physics]<br>PHY221 and PHY211 Fundamental Physics (3) and Physics I Lab (1) [Physics]<br>PSY495 Independent Study (3) [Psychology]<br>PSY558 Seminar in Contemporary Research (3) [Psychology]<br>PSY560 Cognitive Processes (3) [Psychology]<br>PSY570 Cognitive Neuroscience (3) [Psychology]

## Major in Psychology with a Concentration in Industrial \& Organizational Psychology (58*-59 credits)

* Students who receive three (3) transfer credits for a course considered equivalent to PSY275 Psychological Statistics may fulfill the major requirements with 58 credits.

To declare the concentration in Industrial-Organizational Psychology, you must have a transcript that indicates:

1) Completion of Introductory Psychology (PSY272)
2) An overall GPA of 2.75 or better and a Math Placement Level (MPL) of 3 or higher.

Note: A maximum of six (6) transfer courses in Psychology and nine (9) transfer courses overall will be counted toward the major.

Introductory requirement. 3 credits
PSY272 Introductory Psychology
Methodological skills requirement. $7-8$ credits
PSY275 Psychological Statistics (4) or 3-credit equivalent transfer course PSY311 Psychological Research Methods (4) [prerequisite: PSY275]

Content area studies. .24 credits

Physiology, Learning \& Cognition (6 credits - choose 2)
PSY303 Intro to the Psychology of Learning (3)
PSY305 Psychology of Perception (3)
PSY310 Psychology of Memory \& Thinking (3)
PSY402 Psychology of Language (3)
PSY403 Health Psychology (3-WI)
PSY436 Physiological Psychology (3)
Social, Developmental \& History (6 credits)
PSY302 History \& Systems in Psychology (3)
Plus one (1) of the following:
PSY306 Social Psychology (3)
PSY308 Psychology of Motivation (3)
PSY343 Psychology of Infancy \& Childhood (3)
PSY344 Psychology of Adolescence \& Adulthood (3)
PSY350 Psychology of Women (3)
Personality \& Abnormal (3 credits - choose 1)
PSY313 Psychology of Personality (3)
PSY412 Abnormal Psychology (3)
PSY440 Clinical and Counseling Psychology (3)
Industrial-Organizational specialization (9 credits)
PSY304 Industrial Psychology (3)
PSY315 Basics of Organizational Psychology (3)
PSY458 Intro to Psychological Testing (3) [prerequisite: PSY275]
Capstone experience. .3 credits
PSY498 Seminar in Psychology (3-WI) [prerequisite: PSY311]

## Business studies

BUS250 Principles of Management (3)
Plus two of the following:
BUS312 Operations Management (3) [course has one or more prerequisites]
BUS322 Organizational Theory (3) [prerequisite: C- or better in BUS250]
BUS325 Marketing (3) [course has one or more prerequisites]
BUS326 Consumer Behavior (3) [course has one or more prerequisites]
BUS345 Human Resources Management (3) [prerequisite: C- or better in BUS250]
Electives $\qquad$ 12 credits
Choose, by advisement, four (4) additional courses from Psychology, Business, or other relevant fields. (Students are encouraged to consider completing either PSY495 Independent Study Psychology or PSY494 Fieldwork in Psychology.)

Recommended elective courses (outside of Psychology and Business):
Note that some of the listed courses have prerequisites. See the Undergraduate Catalog for details.

## Communication

CMM104 Public Speaking (3)
CMM202 Interpersonal Communication (3)
CMM204 Small Group Communication (3)
CMM353 Persuasion \& Social Influence (3)
CMM360 Organizational Communication I (3)
CMM450 Negotiation (3)

## Economics

ECO206 Microeconomics (3)
ECO207 Macroeconomics (3)
History
HIS367 Business and Society (3)

## Philosophy

PHI201 Symbolic Logic (3)
PHI305 Business Ethics (3)

## Political Science

POL356 Sex Discrimination and the Law (3)

## Sociology

SOC220 Social Inequality in the United States (3)
SOC407 Organizations and Work (3)
Women's, Gender \& Sexuality Studies
WOM311 Women and Work (3)
Research experience.
.6 credits
Students must complete at least 12 half-hour experiential credits (i.e., 6 hours).

## Minor in Psychology (18-20 credits)

Required courses....................................... 3 credits
PSY272 General Psychology (3) [prerequisite for all psychology courses]
Core requirement $\qquad$ .9 credits

## Physiology, Learning \& Cognition (choose 1)

PSY303 Introduction to Psychology of Learning
PSY305 Psychology of Perception
PSY310 Psychology of Memory \& Thinking
PSY402 Psychology of Language
PSY403 Health Psychology (WI)
PSY436 Physiological Psychology
Social, Developmental \& History (choose 1)
PSY302 History \& Systems of Psychology

PSY306 Social Psychology
PSY308 Psychology of Motivation
PSY343 Psychology of Infancy \& Childhood
PSY344 Adolescence \& Adulthood
Personality \& Abnormal (choose 1)
PSY313 Psychology of Personality
PSY412 Abnormal Psychology
PSY440 Personality \& Psychotherapy

## Electives

. $6-8$ credits
Complete two (2) additional psychology courses. These may be from the minor's Core Requirement list or any other undergraduate psychology course.

## Minor in Industrial and Organizational Psychology (18-20 credits)

Required courses..................................................................... 9 credits
PSY272 Introductory Psychology (3) [prerequisite for all psychology courses]
PSY304 Industrial Psychology (3)
PSY315 Basics of Organizational Psychology ${ }^{\mathbf{1}}$ (3)
Required elective courses in Psychology . $9-11$ credits
Select three of the following:
PSY275 Psychological Statistics (4)
PSY302 History \& Systems of Psychology (3)
PSY303 Introduction to Psychology of Learning (3)
PSY306 Social Psychology (3)
PSY308 Psychology of Motivation (3)
PSY310 Psychology of Memory \& Thinking (3)
PSY311 Research Methods ${ }^{2}$ (4)
PSY320 Behavior Modification (3)
PSY458 Psychological Testing (3)
PSY493 Selected Topics in Psychology ${ }^{2}$
PSY498 Senior Seminar ${ }^{2}$ (3)
NOTES:
${ }^{1}$ Students cannot receive credit for both Organizational Behavior (BUS321) and Basics of Organizational Psychology (PSY315). Students who have received credit for Organizational Behavior (BUS321) must substitute an additional elective course under advisement.
${ }^{2}$ By advisement

## Course Descriptions

## PSY093 Psychology Research Experience

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following major: Psychology (539); Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

PSY193 Psychology Select Topic (3)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

PSY199 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

## PSY272 Introductory Psychology (3)

Introduction to psychology. Topics include research methods, states of consciousness, cognition, sensation and perception, developmental psychology, brain and behavior, personality, learning, motivation, social psychology, psychological disorders and treatment.

Attributes: Liberal Arts, GE4: SOCIAL SCIENCE,GE3: SSCI, Systematic Inquiry

## PSY273 Psychology of Adjustment (3)

The adjustment processes through childhood, adolescence, and aging. Topics include: motivation, emotion, learning, marriage, divorce, group behavior, stress, illness, and rehabilitation.

Attributes: Liberal Arts

## PSY275 Psychological Statistics (4)

Introduction to descriptive and inferential statistical procedures commonly used in psychological research. Includes correlations, interval estimation, hypothesis testing with z and t tests.

Attributes: Liberal Arts, GE3: MATH, Systematic Inquiry, Research
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: PSY272 Minimum Grade of D- and (Math Placement Level 3 or MAT151 Minimum Grade of C- or MAT093 Minimum Grade of C-)

PSY293 Psychology Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

## PSY295 Independent Study Psychology

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course
Prerequisites: PSY272 Minimum grade of D-

PSY302 History and Systems in Psychology (3)
Philosophies and approaches that have led to contemporary psychology. Major contributors such as James, Freud, Watson, and Skinner, and their psychological approaches.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum grade of D-

## PSY303 Introduction to the Psychology of Learning (3)

Experimental findings in and contemporary theories of learning.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Psychology (539), Psychology (PSY); May not be enrolled in the following class: Freshman

## PSY304 Industrial Psychology (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum grade of D-

## PSY305 Psychology of Perception (3)

Perceptual processes of form, color, movement, space, localization, and constancy. The psychology of consciousness

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: PSY272 Minimum grade of D-

## PSY306 Social Psychology (3)

Theories and research regarding social behaviors such as conformity, altruism, aggression, attitude-formation, and discrimination.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

Prerequisites: PSY272 Minimum Grade of D- or SOC100 Minimum Grade of D-

PSY307 Evolutionary Psychology (3)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum Grade of D-

## PSY308 Psychology of Motivation (3)

Identification of basic concepts, theories, and experimental findings of the psychology of motivation.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled din the following class:
Freshman
Prerequisites: PSY272 Minimum Grade of D-

## PSY309 Constructivism (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled din the following class: Freshman

## PSY310 Psychology of Memory and Thinking (3)

Theories and research regarding the mental processes of acquiring and retaining information for later retrieval, and the manipulation of that information for complex skills such as reasoning, decision-making, and problem solving.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: PSY272 Minimum Grade of D-

## PSY311 Research Methods in Psychology (4)

Research methodology in psychology: scientific reasoning and critical thinking, correlational and experimental research approaches, including control, designs, statistical analyses, and hypothesis testing.

Attributes: Liberal Arts; Research
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Industrial/Organizational (5391), Psy: Industrial/Organizational (PIO), Psychobiology (539P), Psychology (539), Psychology (PSY); Must be enrolled in one of the following classifications: Junior, Senior, Sophomore
Prerequisites: PSY272 Minimum Grade of D- and (PSY275 Minimum Grade of D- or MAT241 Minimum Grade of D-)

## PSY313 Psychology of Personality (3)

This course reviews theoretical and empirical issues regarding personality psychology. Evolutionary, psychoanalytic, physiological, cognitive, social, and life story perspectives are
addressed. Empirical issues include the measurement of personality and the person situation debate.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum Grade of D-

## PSY315 Basics of Organizational Psychology (3)

Introduction to organizational behavior and management, emphasizing psychological and socialpsychological theories and findings. Research methods, learning, motivation, stress, communication, leadership, and other topics are discussed, both in general and in relation to work settings. Students may not take both this course and BUS321 for credit.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum Grade of D-

## PSY318 Group Behavior (3)

Participation in face-to-face small groups focusing on the group's own behavior. Emphasis is on an understanding of leadership, power, and authority as primary elements of social behavior. Each student is expected to participate actively in group sessions. Available as an alternative to traditional educational approaches. Because of this approach some students may experience stress.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum Grade of D-

## PSY320 Behavior Modification: Principles and Procedures (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: PSY272 Minimum Grade of D- and PSY303 Minimum Grade of D-

## PSY330 Crisis Intervention (4)

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. Role play practice.

[^10]
## PSY343 Psychology of Infancy and Childhood (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum Grade of D-

## PSY344 Psychology of Adolescence and Adulthood (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum Grade of D-

## PSY350 Psychology of Women (3)

The psychology of women as conceptualized within traditional psychological as well as feminist theory. A survey of findings on women from various fields: personality, cognition, physiological, social, developmental and abnormal psychology.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum Grade of D- or WOM220 Minimum Grade of D-
PSY393 Psychology Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

PSY399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## PSY402 Psychology of Language (3)

Study of language behavior and its relation to learning and thought processes. Attention to language acquisition and psychological phenomena of speech and speech perception. Social aspects of language and non-verbal communication.

[^11]Prerequisites: PSY272 Minimum Grade of D- or LIN201 Minimum Grade of D- or CMD301 Minimum Grade of D- or CMD302 Minimum Grade of D-

PSY403 Health Psychology (3)
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. Research techniques and ethical dilemmas in health psychology. Students will keep an Intellectual Journal.

Attributes: Liberal Arts, Writing Intensive
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum Grade of D- and (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D-)

## PSY412 Abnormal Psychology (3)

Symptoms, causes, and therapies of anxiety disorders, psychoses, and personality disturbances.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum Grade of D-

## PSY436 Physiological Psychology (3)

The functioning of the brain and its role in learning, eating, drinking, aggression, and behavioral abnormalities.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum Grade of D-

## PSY440 Clinical and Counseling Psychology (3)

Review of clinical and counseling psychology, focusing on theory, practice, research, and professional issues.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: PSY272 Minimum Grade of D-
PSY442 Psychological Study of Social Problems (3)
Study of one or more current social problems, such as violence, poverty, education, drug use, war, through an examination of psychological and social-psychological data and theory.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum Grade of D-

## PSY456 Disaster Psychology (3)

The psychological impact of disaster and trauma including normal and severe reactions such as PTSD and Acute Stress Disorder will be studied. Acute and long-term interventions, vicarious traumatization and self-care will be examined.

Attributes: Liberal Arts<br>Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman<br>Prerequisites: PSY272 Minimum Grade of D-

## PSY458 Introduction to Psychological Testing (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum Grade of D- and PSY275 Minimum Grade of D-
PSY493 Psychology Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

## PSY494 Fieldwork In Psychology

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: PSY272 Minimum Grade of D-

## PSY495 Independent Study Psychology

No description is available for this course.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: PSY272 Minimum Grade of D-

## PSY497 Internship In Psychology (3; may be repeated for credit)

Supervised experience working in an applied setting related to psychology. This course is repeatable up to a maximum of 15 credits in practicum, fieldwork and independent study credits.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY272 Minimum Grade of D-

PSY498 Seminar in Psychology (3)
Advanced study in a specific area of research, theory, or practice. Writing intensive.
Attributes: Liberal Arts, Writing Intensive, Research, Creative Works
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PSY311 Minimum Grade of D- and (ENG180 Minimum Grade of D- or ENG170 Minimum Grade or D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D- or ENG002 Minimum Grade of TD-)

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## Religious Studies

Phone: (845) 257-2621
Location: Jacobson Faculty Tower Room 916
Web address: 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. 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.

Coordinator: Christopher Link (Department of English)

## Minor in Religious Studies (18 credits)

Required course. 3 credits
REL270 Religions of the World (3)
Electives .15 credits
Choose from the following approved list of courses. 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).

ANT403 Religion \& Culture (3)
ANT414 Anthropology of Performance (3)
ANT461 Seminar in Witchcraft \& Sorcery (3)
ARH340 The Arts of Early China (3)
ARH342 The Arts of Japan (3)
ARH344 History of Buddhist Art (3)
ARH361 Art of the Renaissance in Italy (3)
ARH362 Northern European Painting from Van Eyck to Bruegel (3)
ARH363 Early Medieval Art (3)
ARH364 Late Medieval Art: Gothic (3)
ARH378 Sacred Spaces, Divine Images (3)
ARH387 Art of the Islamic World (3)
ARH391 Baroque Painting (3)
BLK264 African American Religion (3)
ENG211 Great Books Asian Classics (3)
ENG355 The Bible (4)
ENG404 Medieval Literature (4)
ENG408 Seventeenth-Century Literature (4)
HIS205 The Jewish Experience (3)
HIS207 Medieval Europe (4)
HIS243 Middle East to 1798 (4)
HIS336 Religions of Asia (3)
HIS343 History of Islam \& the Middle East 570-1918 (3)
HIS344 The Middle East in the 20th Century (3)
HIS348 Medieval Society (3)
HIS349 Renaissance \& Reformation (3)
HIS363 Inquisition (3)
HIS365 Jihad \& Crusades (3)
HIS369 Ancient Israel (3)
HIS370 Bible: Myth \& History (3)
HIS371 Jews in the Middle Ages (3)
HIS383 Religion in the United States (3)
PHI251 Indian Philosophy (3)
PHI252 East Asian Philosophy (3)
PHI311 Medieval \& Renaissance Philosophy (3)
PHI320 God, World \& Soul (3)
PHI321 Religion, Ethics \& Society (3)
PHI325 The Meaning of Life (3)
PHI332 Buddhist Philosophy (3)
PHI382 Contemporary Buddhism (1)
POL220 Athens \& Jerusalem: Political Thought in the Ancient \& Medieval Worlds (4)
POL336 Middle Eastern Politics and Institutions (3)
REL275 Islam: An Introduction (3)

REL301 History of Christian Thought (3)
SOC304 Sociology of Religion (3)
*Selected Topics courses, seminars, and other courses may be approved as electives at the discretion of the Religious Studies Coordinator.

## Course Descriptions

Religious Studies is an interdisciplinary program whose courses are based in a variety of academic areas. Descriptions of courses based in Religious Studies appear below (see course numbers beginning with "REL"). Courses based in other academic areas are listed here and described elsewhere in this catalog. Please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found.

Subject codes for Religious Studies courses:

ANT - Anthropology
ARH - Art History
BLK - Black Studies
ENG - English
HIS - History

PHI - Philosophy
POL - Political Science \& International Relations
PSY - Psychology
SOC - Sociology

- ANT403 Religion and Culture
- ANT414 The Anthropology of Performance
- ANT461 Seminar in Magic, Witchcraft and Sorcery
- 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
- HIS205 The Jewish Experience
- 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 $20^{\text {th }}$ 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
- PHI251 Indian Philosophy
- 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
- PHI382 Contemporary Buddhism
- POL220 Athens \& Jerusalem: Political Thought in the Ancient and Medieval Worlds
- POL336 Middle Eastern Politics and Institutions
- SOC304 Sociology of Religion


## REL270 Religions of the World (3)

A survey of several major religious traditions, including Hinduism, Buddhism, Judaism, Christianity, and Islam.

Attributes: Liberal Arts; GE4: WORLD CIVILIZATIONS, GE3: WRLD, Effective Expression/Written, Ethical Reflection, Systematic Inquiry

## REL275 Islam: An Introduction (3)

Introduction to Islam's history, beliefs, practices, and diversity. Topics include gender, war and recent portraits of Islam in the media and elsewhere.

Attributes: Liberal Arts; GE4: WORLD CIVILIZATIONS, GE3: WRLD, Effective Expression/Written Restrictions: Must be enrolled in the following level: Undergraduate

REL293 Selected Topics Religious Studies (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

## REL301 History of Christian Thought (3)

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: Liberal Arts; GE3: WEST, Effective Expression/Written
Restrictions: May not be enrolled in the following class: Freshman

REL393 Religious Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

REL493 Religious Studies Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

## REL495 Independent Study Religious Studies

No description is available for this course.

## Faculty

Coordinator: Bruce Milem (Philosophy)
Clinton Bennett (Philosophy)
Elizabeth Brotherton (Art History)
Major Coleman (Black Studies)
David Elstein (Philosophy)
Heinz Insu Fenkl (English)
Thomas Festa (History)
Andrea Gatzke (History)
Daniel Kempton (English)
Jaclynne Kerner (Art History)
Ellen Konowitz (Art History)
Christopher A. Link (English)
Douglas C. Maynard (Psychology)
Lauren Meeker (Anthropology)
Jeff Miller (Political Science \& International Relations)
Heather Morrison (History)
Denise Oliver-Velez (Anthropology)
Michael Quinn (History)
Akira Shimada (History)
Hamilton Stapell (History)
William Strongin (History)
Michael Vargas (History)
Daniel Werner (Philosophy)

## Sociology

Phone: (845) 257-3505
Fax: (845) 257-2970
Location: Jacobson Faculty Tower Room 516
Web address: 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 these 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. Students can choose to concentrate in Human Services, which will prepare students to work directly with people in need of support, or Criminology, which 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.

## Major in Sociology (38 credits)

## Required courses 20 credits

SOC100 Introduction to Sociology (3)
SOC220 Social Inequality (3)
SOC303 Sociological Theory (3)
SOC306 Research Methods (4)
SOC307 Social Statistics (4)
SOC490 Senior Seminar in Sociology (3)*

* Before enrolling in SOC490 Senior Seminar, students must complete 21 credits of Sociology, including the required Sociological Theory (SOC303) and Research Methods (SOC306) courses.

Electives. 18 credits
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.

## 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 \& 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 \& Practice I and SOC480 Fieldwork in Human Services I are offered in the spring semester only.

## Required Sociology courses 16 credits

SOC100 Introduction to Sociology (3)
SOC220 Social Inequality (3)
SOC303 Sociological Theory (3)
SOC306 Research Methods (4)
SOC350 Introduction to Human Services (3)
Sociology electives 12 credits
Each student must complete, by advisement, four (4) Sociology (SOC) electives.
Concentration in Human Services core............ 9 credits
SOC443 Human Services Theory \& Practice I (3)
SOC444 Human Services Theory \& Practice II (3)
SOC445 Human Services Theory \& Practice III (3) - This is the Writing Intensive CHS capstone course in which students write a senior thesis.

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 \& Recreation courses 5 credits
Each student must complete, by advisement, two (2) approved courses in Arts \& Recreation. 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.

## Cognate courses

 6 creditsEach student must complete, by advisement, two (2) courses in departments that offer courses related to human services. (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.

## Required Sociology courses.

 .29 creditsSOC100 Introduction to Sociology (3)
SOC220 Social Inequality (3)
SOC250 Crime and Society (3)
SOC303 Sociological Theory (3)
SOC306 Research Methods (4)
SOC307 Social Statistics (4)
SOC332 Criminology (3)
SOC494 Fieldwork in Sociology (3)
SOC490 Senior Seminar in Sociology (3)*

* Before enrolling in SOC490 Senior Seminar, students must complete 21 credits of Sociology, including the required Sociological Theory (SOC303) and Research Methods (SOC306) courses.

Criminology electives $\qquad$ 6 credits
Each student must complete, by advisement, two (2) of the following:
SOC276 Social Problems in a Global Context (3)
SOC305 Juvenile Delinquency (3)
SOC312 Sociology of Violence (3)
SOC333 Deviant Behavior (3)
SOC409 Law \& Social Issues (3)
SOC425 Drugs in American Society (3)
SOC435 Public Health \& Social Policy (3)
SOC452 Seminar in Criminal Behavior (3
SOC494 Fieldwork in Sociology (3)

Sociology electives (non-criminology) $\qquad$ 9 credits
Each student must complete, by advisement, nine (9) credits of Sociology (SOC) electives not included among the Criminology electives.

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. A list of acceptable cognates is available in the Department of Sociology.

## Minor in Sociology (18-19 credits)

## Required courses 9-10 credits <br> SOC100 Introduction to Sociology (3)

Plus two (2) of the following:
SOC220 Social Inequality (3)
SOC303 Sociological Theory (3)
SOC306 Research Methods (4)
Electives
.9 credits
Three (3) additional courses within the Department of Sociology.

## Course Descriptions

## SOC100 Intro to Sociology (3)

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: Liberal Arts, GE4: SOCIAL SCIENCE,GE3: SSCI, Ethical Reflection, Systematic Inquiry

## SOC193 Sociology Selected Topic (3)

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

## SOC220 Social Inequality in the United States (3)

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: Liberal Arts, GE3: USST, Systematic Inquiry

## SOC250 Crime and Society (3)

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: Liberal Arts, GE4: SOCIAL SCIENCE,GE3: SSCI, Ethical Reflection, Systematic Inquiry

## SOC276 Social Problems in a Global Context (3)

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

SOC293 Sociology Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts

## SOC295 Independent Study Sociology

No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## SOC301 Self in Society (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC302 Contemporary Sociological Theory (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC303 Sociological Theory (3)

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: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D- and SOC220 Minimum Grade of D-

## SOC304 Sociology of Religion (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC305 Juvenile Delinquency (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC306 Research Methods (4)

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: Liberal Arts, Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC307 Social Statistics (3)

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, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: (Math Placement Level 3 or MAT151 Minimum Grade of C-) and SOC100 Minimum Grade of D-
SOC308 Medical Sociology (3)
Social and cultural aspects of health and illness. 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 the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC309 Social Demography (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC310 Comparative Political Economy (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC311 News Media and Public Opinion (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D- and (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D-)

## SOC312 Sociology of Violence (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D- and (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D-)

## SOC314 Sociology of Children and Childhood (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC315 Race and Ethnicity (3)

Sociological perspectives on racial and ethnic inequality in U.S. society will be examined. . A minimum grade of C - is required for any course to count toward the Sociology major or minor.
Attributes: Liberal Arts; GE3: DIVR, Effective Expression/Oral
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC316 Sociology of War and Conflict (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC317 Environmental Sociology (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC318 Sociology of Culture (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC320 Social Structure and the Individual (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D- and (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D-)

## SOC323 Death in American Society (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC325 The American Left (3)

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 antiVietnam 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC328 Political Sociology (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC332 Criminological Theory (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC333 Deviant Behavior (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC336 Social Movements (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC337 Social Change (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC340 Poverty and Society (3)

Historical perspective of social attitudes towards poverty, current explanations of poverty in the United States, and evaluation of strategies for dealing with poverty and unemployment. 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 the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC345 Urban Sociology (3)

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.

[^12]Prerequisites: SOC100 Minimum Grade of D- and (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D-)

## SOC350 Introduction to Human Services (3)

Drawing from both 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: Liberal Arts; GE3: DIVR, Ethical Reflection
Restrictions: Must be enrolled in the following class: Sophomore, Junior

## SOC360 Sociology of Gender (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: SOC100 Minimum Grade of D- or WOM220 Minimum Grade of D-

## SOC361 Images of Poverty in Film (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: (SOC100 Minimum Grade of D- or WOM220 Minimum Grade of D-) and (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D-)

## SOC362 Race, Class, and Gender (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: (SOC100 Minimum Grade of D- or WOM220 Minimum Grade of D-) and (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D-)

## SOC370 Sociology of Families (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC371 Sociology of Aging (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC379 Social Interaction (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D- and (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D-)

## SOC380 Social and Economic Development (3)

Study of socio-economic change in developed and developing societies. A minimum grade of Cis required for any course to count toward the Sociology major or minor.

Attributes: Liberal Arts, Writing Intensive<br>Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman<br>Prerequisites: SOC100 Minimum Grade of D- and (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D-)

## SOC381 Immigration and Identity (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: SOC100 Minimum Grade of D-
SOC385 Education and Society (3)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D- and (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D-)

## SOC387 Sociology of Sport (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: SOC100 Minimum Grade of D-
SOC393 Sociology Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course. A minimum grade of C- is required for any course to count toward the Sociology major or minor.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-
SOC399 Modular Course (1-3; may be repeated for credit)
A minimum grade of C - is required for any course to count toward the Sociology major or minor.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC407 Organizations and Work (3)

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: May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC409 Law and Social Issues (3)

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: May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC410 Sociology of Sex \& Sexualities (3)

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

## SOC425 Drugs in American Society (3)

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: May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC431 Mass Media and Culture (3)

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: May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC432 Sociology of Film (3)

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: May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC435 Public Health and Social Policy (3)

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: May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC443 Human Services Theory and Practice I (3)

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.

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## SOC444 Human Services Theory and Practice II (3)

Critical examination and acquisition of human services practice frameworks, including Quality of Life and Positive Youth Development. Emphasis on the right to communication, selfdetermination, 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 be enrolled in the following field(s) of study (major, minor or concentration): Human Services (538H); May not be enrolled in the following class: Freshman
Prerequisites: SOC443 Minimum Grade of D- and SOC480 Minimum Grade of D-
Corequisites: SOC481

## SOC445 Human Services Theory and Practice III (3)

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: Liberal Arts, Writing Intensive, Civic Engagement, Community Service, Creative Works, Entrepreneurship, Service Learning<br>Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Human Services (538H); May not be enrolled in the following class: Freshman<br>Prerequisites: SOC444 Minimum Grade of D- and SOC481 Minimum Grade of D- and (ENG180 Minimum Grade of D- or ENG206 Minimum Grade of D- or ENG207 Minimum Grade of D-)<br>Corequisites: SOC482

## SOC451 Alienation and Mental Illness (3)

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: May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC452 Seminar in Criminal Behavior (3)

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: May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D- and SOC332 Minimum Grade of D-
SOC480 Fieldwork in Human Services I (4; may be repeated for credit)
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: Liberal Arts; Clinical Placement<br>Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Human Services (538H); May not be enrolled in the following class: Freshman<br>Prerequisites: SOC100 Minimum Grade of D- and SOC350 Minimum Grade of D-*<br>*May be taken at the same time<br>Corequisites: SOC443

## SOC481 Fieldwork in Human Services II (4)

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: Liberal Arts; Clinical Placement
Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Human Services (538H); May not be enrolled in the following class: Freshman
Prerequisites: SOC443 Minimum Grade of D- and SOC480 Minimum Grade of D-
Corequisites: SOC444

## SOC482 Fieldwork in Human Services III (4)

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: Liberal Arts; Clinical Placement<br>Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Human Services (538H); May not be enrolled in the following class: Freshman<br>Prerequisites: SOC100 Minimum Grade of D- and SOC444 Minimum Grade of D- and SOC481 Minimum Grade of D-<br>Corequisites: SOC445

## SOC490 Senior Seminar in Sociology (3)

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: Liberal Arts, Civic Engagement, Research
Restrictions: Must be enrolled in the following major: Sociology (538); May not be enrolled in the following class: Freshman
Prerequisites: SOC303 Minimum Grade of D- and SOC306 Minimum Grade of D-
SOC493 Selected Topic Sociology (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC494 Fieldwork in Sociology

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.

Attributes: Civic Engagement, Community Service
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: SOC100 Minimum Grade of D-

## SOC495 Independent Study Sociology

No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course
Prerequisites: SOC100 Minimum Grade of D-
SOC499 Modular Course (1-3; may be repeated for credit)
A minimum grade of C - is required for any course to count toward the Sociology major or minor.
Restrictions: May not be enrolled in the following class: Freshman

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## Women's, Gender \& Sexuality Studies

Phone: (845) 257-2975
Location: Southside House
Web address: www.newpaltz.edu/wmnstudies
Women's, Gender \& Sexuality Studies encompasses the study of women, gender, and sexuality. Drawing on the expertise of faculty based on other departments as well as faculty based in Women's, Gender \& Sexuality Studies, the program enables students to develop a feminist perspective on traditional disciplines and to cross disciplinary boundaries in order to explore women's experiences in the U.S. and globally. Students examine the ways that gender intersects with other systems of domination, think critically about ways to challenge violence and injustice, and work together to envision a more just and humane world.

In our practicum course, students gain experience working with organizations that serve or mobilize women. In our senior seminar, they pursue independent research in topics of their own choosing. An interdisciplinary course, Women: Images and Realities, provides the introduction to the program.

The Women's, Gender \& Sexuality Studies program at SUNY New Paltz is committed to improving the position of women on campus and in the community. It sponsors lectures, panels, and films, and every two years, it hosts a conference. A colloquium series provides a forum for students and faculty to discuss their research in women's, gender \& sexuality studies.

## Major in Women's, Gender, and Sexuality Studies (WGSS; 39 credits)

Current WOM and cross-listed courses can be found at www.newpaltz.edu/ugc/las/women_stud/coursedescriptions.php. Consult the Schedule of Classes for specific WOM or cross-listed Selected Topics (X93) courses offered each semester. Selected Topics courses may, with advisor approval, be used to fulfill WGSS major requirements.
I. Core courses. 18 credits All WGSS majors must take the following courses:

WOM220 Women: Images \& Realities (4)
WOM321 Feminist Methods (3)
WOM421 Feminist Theory (4)
WOM420 Practicum in Women's, Gender, and Sexuality Studies (3)
WOM490 Seminar in Women's, Gender, and Sexuality Studies (4)
II. Clusters 12 credits (no more than 3 lower-division credits)
Select one course from each of the following four clusters.
Note: ** indicates a course that satisfies the History Requirement. (See Section IV. below.)

## Historical and Political Contexts

WOM311 Women and Work (3)
WOM314 Violence Against Women (3)
WOM316 History of Women in the United States to 1880 (3)**
WOM323 History of U.S. Feminist Activism (3)**
HIS307 History of Women from 1880 to Present (3)**
POL379 Women in Politics (3)

## Culture and Representation

WOM222 The Queer Experience (3)
WOM310 Motherhood \& Mothering (3)
WOM313 Women \& Drugs (3)
WOM319 Feminist Art \& Culture (3)
WOM325 Women \& Popular Culture (3)
WOM335 Performing Feminism (3)
THE327 Race, Gender \& Performance (3)
THE421 Gay \& Lesbian Identity in Contemporary Theatre (3)
Race, Culture, Nation
BLK221 The Black Woman (3)
WOM340 Transnational Feminism (3)
WOM350 Native American Feminisms (3)
WOM430 Women in the Caribbean (3)
HIS480 Women in China (3)**
Gender, Sexuality, and Queer Studies
WOM315 Queer Women (3)
WOM318 Women, Love \& Sex (3)
WOM322 Masculinities (3)
WOM330 Intro. to Queer Studies (3)
SOC360 Sociology of Gender (3)
SOC410 Sociology of Sex \& Sexualities (3)
III. Individualized Program

9 credits (no more than 3 lower-division credits)
Choose three (3) electives around a theme or, for double majors, that relate to the other major. All Individualized Programs must be designed in consultation with, and approved by, the student's major advisor.
IV. History Requirement: 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 History of Women in U.S. to 1880
WOM323 History of U.S. Feminist Activism HIS305 Women in Early Modern Europe

HIS307 History of Women from 1880 to Present
HIS480 Women in China

## Minor in Women's, Gender, and Sexuality Studies (20 credits)

I. CORE (required courses) .8 credits
WOM220 Women: Images and Realities (4)
WOM421 Feminist Theory (4)

## II. CLUSTERS

6 credits
Minors select one course from each of TWO of the following FOUR clusters. No more than three credits can be lower division.

## Historical and Political Contexts

WOM311 Women and Work (3)
WOM314 Violence Against Women (3)
WOM316 History of Women in the US to 1880 (3)
WOM423 Feminism in the US (3)
HIS307 History of Women in the US from 1880 (3)

## Culture and Representation

WOM222 The Queer Experience (3)
WOM310 Motherhood \& Mothering (3)
WOM319 Feminist Art and Culture (3)
WOM325 Women and Popular Culture (3)
WOM335 Performing Feminism (3)
THE327 Race, Gender, and Performance (3)

## Race, Culture, Nation

WOM340 Transnational Feminism (3)
WOM430 Women in the Caribbean (3)
BLK221 The Black Woman (3)
HIS480 Women in China (3)
Gender, Sexuality \& Queer Studies
WOM315 Queer Women (3)
WOM318 Women, Love and Sex (3)
WOM322 Masculinities (3)
WOM330 Intro. to Queer Studies (3)
SOC360 Sociology of Gender (3)

## III. ELECTIVES

 .6 creditsIn consultation with their advisor, minors take an additional 6 credits in WGSS or crosslisted courses around a theme or in relation to their major. No more than three credits can be lower division.

## Course Descriptions

Women's, Gender, and Sexuality Studies is an interdisciplinary program whose courses are based in a variety of academic areas. Descriptions of courses based in Women's, Gender, and Sexuality Studies appear below (see course numbers beginning with "WOM"). Courses based in other academic areas are listed here and described elsewhere in this catalog. Please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found.

Subject codes in Women's, Gender, and Sexuality Studies:

| ANT - Anthropology | GEO - Geography |  |
| :--- | :--- | :--- |
| BLK - Black Studies | GER - German (see Languages, | International Relations |
| CMM - Communication Studies | Literatures \& Cultures) | PSY - Psychology |
| EDS - Educational Studies | HIS - History | SOC - Sociology |
| ENG - English |  | THE - Theatre Arts |

- ANT421 Gender and Anthropology
- BLK221 The Black Woman
- CMM356 Communication and Dissenting Voices
- CMM452 Communication and Gender
- EDS351 Education of Self
- ENG230 Women In Literature
- ENG231 American Woman Writers $20^{\text {th }}$ Century
- GEO310 Gender and Environment
- GER319 Women In German Literature \& Film
- HIS305 Women in Early Modern Europe
- HIS480 Women in China
- POL356 Sex Discrimination and the Law
- POL379 Women in Politics
- PSY350 Psychology of Women
- SOC360 Sociology of Gender
- SOC361 Images of Poverty in Film
- SOC362 Race, Class, and Gender
- SOC370 Sociology of Families
- SOC410 Sociology of Sex \& Sexualities
- THE327 Race, Gender and Performance

WOM193 WGSS Selected Topic: Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

WOM199 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

## WOM220 Introduction to Women's, Gender, \& Sexuality Studies (4)

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: Liberal Arts; GE3: DIVR, Effective Expression/Written

## WOM222 The Queer Experience (3)

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: Liberal Arts; GE3: DIVR, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate
WOM293 WGSS Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

WOM295 Independent Study WGSS: No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
WOM299 Modular Course (1-3; may be repeated for credit) No description is available for this course.

## WOM310 Motherhood and Mothering (3)

Students explore historical, cultural, socioeconomic, and theoretical frameworks for understanding constructions of motherhood; reproductive justice; intersexual identity and parenting; queer mothering; birth and breastfeeding; adoption; assisted reproductive technologies; and the connections between maternal activism and feminism.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

## WOM311 Women and Work (3)

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: Liberal Arts; GE3: USST, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: WOM220 Minimum Grade of D-

## WOM314 Violence Against Women (3)

An examination of violence against women in contemporary culture: rape, battery, sexual abuse and violence in the media.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## WOM315 Queer Women (3)

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: Liberal Arts; GE3: DIVR, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## WOM316 History of Women in the US to 1880 (3)

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: Liberal Arts; GE3: USST, Effective Expression/Written, Ethical Reflection
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## WOM318 Women Love and Sex (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: WOM220 Minimum Grade of D-*

* May be taken at the same time


## WOM319 Feminist Art and Culture (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman

## WOM320 Reproductive Law and Policy (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## WOM321 Feminist Methods (3)

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: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: WOM220 Minimum Grade of D- and WOM421 Minimum Grade of D-*

* May be taken at the same time


## WOM322 Masculinities (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## WOM325 Women and Popular Culture (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## WOM330 Intro to Queer Studies (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## WOM335 Performing Feminism (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## WOM340 Transnational Feminism (3)

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 rights approaches.
Restrictions: Must be enrolled in the following level: Undergraduate, May not be enrolled in the following class: Freshman

## WOM345 Women and Anger (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman

## WOM350 Native American Feminisms (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

WOM393 WGSS Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

WOM399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## WOM415 Women and Health (3)

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: May not be enrolled in the following class: Freshman

## WOM420 Practicum in WGSS (3)

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.

[^14]Restrictions: Must be enrolled in one of the following majors: Women's, Gender \& Sexuality Studies (591), Women's Studies (590); May not be enrolled in the following class: Freshman

## WOM421 Feminist Theory (4)

A critical examination of various theoretical frameworks for understanding women's lives and their relationship to feminist social change.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: WOM220 Minimum Grade of D-

## WOM423 Feminism in the United States (3)

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: May not be enrolled in the following class: Freshman
Prerequisites: WOM220 Minimum Grade of D-

## WOM430 Women in the Caribbean (3)

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 be enrolled in the following level: Undergraduate, May not be enrolled in the following class: Freshman

## WOM490 Senior Seminar in WGSS (4)

A critical, interdisciplinary approach to advanced topics in WGSS. The focus of the course will vary year to year. Students will work on a major research project of their choice. Open only to WGSS majors.

Attributes: Liberal Arts, Writing Intensive, Research
Restrictions: Must be enrolled in one of the following majors: Women's, Gender \& Sexuality Studies (591), Women's Studies (590); May not be enrolled in the following class: Freshman
Prerequisites: WOM220 Minimum Grade of D- and WOM421 Minimum Grade of D- and WOM321 Minimum Grade of D-

WOM493 WGSS Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman

## WOM494 Fieldwork in Women's, Gender, \& Sexuality Studies

No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## WOM495 Independent Study Women's, Gender, \& Sexuality Studies

No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

WOM499 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman

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## School of Business

Phone: (845) 257-2930
Location: van den Berg Hall, Room 312
Web address: www.newpaltz.edu/schoolofbusiness
E-mail: 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, 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 program will possess skills in critical thinking, oral and written communication, teamwork and ethics. See below to learn more about the curriculum for each major, as well as for the minors in Business and Business Analytics.

Admission to the Major: 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.

## Business Core Curriculum (all Business majors): 40 credits

The School of Business offers seven undergraduate degree programs: Accounting, Business Analytics, 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:

ECO206 Microeconomics (3)
ECO207 Macroeconomics (3)
BUS093 Business Workshop (0)
BUS095 Excel Competency/Tutorial (0)
BUS201 Financial Accounting (3) - NOTE: Accounting majors must earn at least $C+$ in BUS201.
BUS202 Managerial Accounting (3)

BUS250 Principles of Management (3)
BUS271 Legal Environment of Business (3)
BUS301 Internship \& Career Practicum (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 (3)- NOTE: Finance majors must earn at least $C+$ in BUS341.
BUS450 Strategic Management (3)
Applied Learning requirement (3)
Building on this core curriculum, students in each of the seven majors complete specialized courses, detailed below. A minimum grade of $C$ - is required for credit toward the major, with the Accounting exception noted below.

## Accounting: 24 credits (Total credits: 64)

Required Accounting courses 24 credits
BUS272 Business Law for Accountants (3)
BUS368 Intermediate Accounting I (3) - NOTE: Accounting majors must earn at least C+in BUS368.
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)

## 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: 21 credits (Total credits: 61)

Required Business Analytics courses.............. 12 credits
BUS347 Business Analytics (3)
BUS348 Decision Modeling \& Analysis (3)
BUS349 Data Management \& Big Data (3)
BUS381 Advanced Business Analytics (3)
plus
BUS461 Business Analytics Capstone (3), which fulfills the Applied Learning requirement (see Business Core Curriculum, above)

Elective requirement .9 credits
Select three of the following upper-division electives:
BUS385 Supply Chain Analytics (3)
BUS386 Marketing Analytics (3)
BUS387 Analytics in Health Care (3)
BUS389 Time Series Analysis for Business (3)
BUS390 Business Intelligence \& Analytics (3)
BUS391 Data Visualization (3)
BUS425 Marketing Research (3)
BUS452 Digital Marketing Analytics (3)
BUS459 Risk Management \& Derivatives (3)
BUS460 Financial Analytics (3)

## Finance: 21-22 credits (Total credits: 61-62)

Required Finance courses.
.12 credits
BUS441 Financial Management and Policy (3)
BUS443 Investment Analysis and Portfolio Management (3)
BUS445 International Financial Management (3)
BUS459 Introduction to Risk Management \& Derivatives (3)
Group 1 electives 6 credits
Select two of the following:
ECO306 Intermediate Microeconomics (3)
ECO307 Intermediate Macroeconomics (3)
BUS447 Personal Financial Planning (3) or BUS347 Business Analytics (3)
Group 2 electives 3-4 credits
Select one of the following:
MAT251 Calculus I (4)
ECO303 Money \& Banking (3)
BUS368 Intermediate Accounting I (3)
BUS371 Concepts in Federal Income Taxation (3)

BUS389 Time Series Modeling for Business (3)
BUS460 Financial Analytics (3)

## General Business: 21 credits (Total credits: 61)

## Required General Business courses.

$\qquad$ 21 credits
One upper-division course must be taken from each of the following areas:

- Finance (3)
- International Business (3)
- Management (3)
- Marketing (3)
- Three elective courses ( 9 credits) - Students may choose electives from the abovementioned areas or from the following four categories, provided all prerequisite requirements are met. Courses taken to fulfill a Business Core or Business Major requirement may not also be used to satisfy the elective requirement.
- Accounting
- Economics
- Independent Study: Students may contact faculty in the School of Business to undertake independent study
- Internship: Students may contact the Director of Business Advising to arrange for an internship and to determine the number of credits applied.


## International Business: 21-22 credits (Total credits: 61-62)

Required International Business courses 18 credits
BUS346 International Business (3)
BUS430 International Marketing (3)
BUS431 International Management (3)
BUS445 International Financial Management (3)
Foreign Language at Intermediate Level or two area study courses (6)
Select one of the following. 3-4 credits
POL227 Introduction to International Politics (4)
CMM359 Communication Among Cultures (3)
300-level Study Abroad course, chosen by advisement and with the permission of the Dean of the School of Business (3)

## Management: 18 credits (Total credits: 58)

Required Management courses
18 credits
Select one of the following tracks:
General Track
BUS321 Organizational Behavior (3)

BUS345 Human Resource Management (3)
BUS346 International Business (3)
Select three (3) of the following:
BUS323 Introduction to Entrepreneurship (3)
BUS324 Introduction to Managing Sustainability (3)
BUS422 Leadership (3)
BUS423 New Venture Development (3)
BUS424 Social Entrepreneurship (3)
BUS431 International Management (3)
BUS458 Introduction to Project Management (3)

## Entrepreneurship Track

BUS321 Organizational Behavior (3)
BUS323 Introduction to Entrepreneurship (3)
BUS345 Human Resource Management (3)
BUS346 International Business (3)
plus
BUS457 Entrepreneurship and Business Planning (3), which fulfills the Applied Learning requirement (see Business Core Curriculum, above)

Select two of the following:
BUS422 Leadership (3)
BUS423 New Venture Development (3)
BUS424 Social Entrepreneurship (3)
BUS458 Introduction to Project Management (3)

## Sustainability Track

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:
ANT481 Transcultural Health (3)
GLG339 Natural Resources \& Energy (3)
PHI303 Environmental Ethics (3)
POL311 American Environmental Politics (3)
POL347 Politics of Environment \& Development (3)
SOC317 Environmental Sociology (3)

## Marketing: 21 credits (Total credits: 61)

Required Marketing courses 6 credits

## BUS326 Consumer Behavior (3) <br> BUS425 Marketing Research (3)

Select one of the following tracks $\qquad$
General Marketing - Select five courses from the following:
BUS327 Sales Management (3)
BUS328 Food Retail Management (3)
BUS329 Category Management (3)
BUS360 Digital Marketing Strategy (3)
BUS386 Marketing Analytics (3)
BUS427 Advertising Strategy (3)
BUS429 Marketing Strategy (3)
BUS430 International Marketing (3)
BUS452 Digital Marketing Analytics (3)

## Food Marketing

BUS328 Food Retail Management (3)
BUS329 Category Management (3)
BUS429 Marketing Strategy (3)
Select two courses from the following:
BUS327 Sales Management (3)
BUS360 Digital Marketing Strategy (3)
BUS386 Marketing Analytics (3)
BUS427 Advertising Strategy (3)
BUS430 International Marketing (3)
BUS452 Digital Marketing Analytics (3)

## Double Major

An undergraduate student may choose to have two majors by meeting the following requirements:

- 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 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:
ECO206 Microeconomics (3)
ECO207 Macroeconomics (3)
Required courses................................. 18 credits
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)

## 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 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.
Required courses. 15 credits
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)
Elective courses 6 credits
Select two of the following:

BUS381 Advanced Business Analytics (3)
BUS385 Supply Chain Analytics (3)
BUS386 Marketing Analytics (3) ${ }^{1}$
BUS387 Analytic in Health Care (3)
BUS389 Time Series Analysis for Business (3)
BUS390 Business Intelligence and Analytics (3)
BUS391 Data Visualization (3)
BUS452 Digital Marketing Analytics (3) ${ }^{1}$
BUS460 Financial Analytics (3) ${ }^{1}$

## ${ }^{1}$ Additional prerequisites required.

## Suggested sequences:

## BUS095 and MPL 5 before Year 3 (recommended):

Year 3 Fall: BUS309
Year 3 Spring: BUS311, BUS347
Year 4 Fall: BUS348, BUS349
Year 4 Spring: Elective courses (e.g., BUS381, BUS389)
No BUS095 and MPL 5 before Year 3:
Year 3 Fall: BUS095, MAT171 Mathematical Methods for Business
Year 3 Spring: BUS309, BUS349
Year 4 Fall: BUS311, BUS347, BUS348
Year 4 Spring: Elective courses (e.g., BUS381, BUS389)

## 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.

## Course Descriptions: Business

BUS093 Business Workshop (0)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
BUS095 Excel Tutorial (0; repeatable)
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.

Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
BUS193 Business Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## BUS201 Financial Accounting (3)

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 be enrolled in the following level: Undergraduate
Prerequisites: Math Placement Level 4 or MAT152 Minimum Grade of C- or MAT153 Minimum Grade of C-

## BUS202 Managerial Accounting (3)

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 be enrolled in the following level: Undergraduate
Prerequisites: BUS201 Minimum Grade of C- and (BUS215 Minimum Grade of C-* or BUS095 Minimum Grade of $S^{*}$ ) and (Math Placement Level 4 or MAT152 Minimum Grade of C-)
*May be taken at the same time

## BUS250 Principles of Management (3)

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 be enrolled in the following level: Undergraduate

## BUS271 Legal Environment of Business (3)

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 be enrolled in the following level: Undergraduate

## BUS272 Business Law for Accountants (3)

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 be enrolled in the following level: Undergraduate
Prerequisites: BUS271 Minimum Grade of C-
BUS293 Business Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

BUS295 Independent Study Business (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
BUS296 Departmental Elective (1-12; may be repeated for credit)
No description is available for this course.

## BUS301 Internship \& Career Practicum (1)

Coverage of topics that prepare students for internships, including identifying prospective employers, writing and effective resume, networking, interviewing skills, ethics, and corporate culture.

Attributes: Liberal Arts
Restrictions: Must be enrolled in one of the following majors: 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), Pre-MBA (0MBA), Business Analytics (531), Accounting (542), Finance (543), Management (544), Marketing (545), International Business (546), General Business (547), General Business - Izmir (547I), General Business ITU (547U), Undeclared:Business (000B); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## BUS309 Statistics for Business \& Economics I (3)

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: Liberal Arts; GE3: MATH, GE4: Mathematics, Systematic Inquiry; Critical Thinking Introductory Restrictions: Must be enrolled in one of 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), Finance (543), General Business (547), General Business - ITU (547U), General Business - Izmir (547I), International Business (546), International Economics (540I), Management (544), Marketing (545), PreMBA (0MBA), Undeclared:Business (000B), Undeclared:Pre-Accounting (00AC), Undeclared:Pre-Bus Analytics (00BN), Undeclared:Pre-Finance ( 00 FI ), Undeclared:Pre-Gen Business (00GB), Undeclared:Pre-Interntnl Bus (00IB), Undeclared:Pre-Management (00MG), Undeclared:Pre-Marketing (00MK); May not be enrolled in the following class: Freshman<br>Prerequisites: (BUS215 Minimum Grade of C-* or BUS095 Minimum Grade of S*) and (Math Placement Level 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C-)<br>*May be taken at the same time

## BUS311 Statistics for Business and Economics II (3)

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: Liberal Arts; Critical Thinking Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business (BUS), Business Analytics (531), Business Analytics (BAN), Economics (540), Finance (543), Management (544), Marketing (545), International Business (546), General Business (547), General Business - Izmir (547I), General Business - ITU (547U), 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), Pre-MBA (0MBA), Undeclared:Business (000B); May not be enrolled in the following class: Freshman Prerequisites: BUS309 Minimum Grade of C- and (BUS215 Minimum Grade of C- or BUS095 Minimum Grade of S)

## BUS312 Operations Management (3)

Study of analytical tools used for managing operations. Topics include forecasting, product/process design, inventory management, project management, supply chain management, and quality management.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), 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); May not be enrolled in the following class: Freshman
Prerequisites: BUS309 Minimum Grade of C- and (BUS215 Minimum Grade of C- or BUS095 Minimum Grade of S)

## BUS321 Organizational Behavior (3)

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<br>Restrictions: Must be enrolled in one of 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), International Business (546), Management (544), Marketing (545), PreMBA (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 enrolled in the following class: Freshman

Prerequisites: BUS250 Minimum Grade of C-

## BUS322 Organization Theory (3)

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 be enrolled in one of 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), 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 ( 00 MK ); May not be enrolled in the following class: Freshman
Prerequisites: BUS250 Minimum Grade of C-

## BUS323 Introduction to Entrepreneurship (3)

Provides a broad overview of entrepreneurship, including identifying business opportunities, gathering funding for and launching a business, growing the organization and harvesting the rewards.

Restrictions: Must be enrolled in one of the following majors: Accounting (542), Business (BUS), Business Analytics (531), Finance (543), Management (544), Marketing (545), International Business (546), General Business (547), General Business - Izmir (547I), General Business - ITU (547U), 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 ( 00 MG ), Undeclared:Pre-Marketing (00MK); May not be enrolled in the following class: Freshman
Prerequisites: BUS250 Minimum Grade of C-

## BUS324 Introduction to Managing Sustainability (3)

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: Liberal Arts; Information Management Intermediate

Restrictions: Must be enrolled in one of the following majors: Accounting (542), Business (BUS), Business Analytics (531), Finance (543), Management (544), Marketing (545), International Business (546), General Business (547), General Business - Izmir (547I), General Business - ITU (547U), 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 enrolled in the following class: Freshman
Prerequisites: BUS250 Minimum Grade of C-

## BUS325 Marketing (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), 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 enrolled in the following class: Freshman
Prerequisites: ECO207 Minimum Grade of C- and (Math Placement Level 4 or MAT152 Minimum Grade of C- or MAT153 Minimum Grade of C-)

## BUS326 Consumer Behavior (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), 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); May not be enrolled in the following class: Freshman
Prerequisites: BUS325 Minimum Grade of C-

## BUS327 Sales Management (3)

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 be enrolled in one of 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), International Business (546), Management (544), Marketing (545), PreMBA (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 enrolled in the following class: Freshman
Prerequisites: BUS325 Minimum Grade of C- and BUS250 Minimum Grade of C-

## BUS328 Food Retail Management (3)

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 Management Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), 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 enrolled in the following class: Freshman
Prerequisites: BUS325 Minimum Grade of C-

## BUS329 Food Category Management (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), 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 ( 00 FI ), Undeclared:Pre-Gen Business (00GB), Undeclared:Pre-Interntnl Bus (00IB), Undeclared:Pre-Management ( 00 MG ), Undeclared:Pre-Marketing ( 00 MK ); May not be enrolled in the following class: Freshman
Prerequisites: BUS325 Minimum Grade of C-

## BUS341 Fundamentals of Corporate Finance (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), 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 ( 00 MG ), Undeclared:Pre-Marketing ( 00 MK ); May not be enrolled in the following class: Freshman
Prerequisites: BUS201 Minimum Grade of C- and (BUS095 Minimum Grade of S or BUS215 Minimum Grade of C-) and BUS309 Minimum Grade of C- and ECO206 Minimum Grade of C- and ECO207 Minimum Grade of Cand (Math Placement Level 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C-)

## BUS345 Human Resource Management (3)

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 be enrolled in one of 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), 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).; May not be enrolled in the following class: Freshman
Prerequisites: BUS250 Minimum Grade of C- and (Math Placement Level 4 or MAT152 Minimum Grade of C-)

## BUS346 International Business (3)

Discussion on 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: GE3: WRLD, GE4: World Civilizations; Information Management Intermediate, Critical Thinking Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), 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- and ECO207 Minimum Grade of C-

## BUS347 Introduction to Business Analytics (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Accounting (542), Business (BUS), Business Analytics (531), Business Analytics (BAN), 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); May not be enrolled in the following class: Freshman
Prerequisites: BUS309 Minimum Grade of C-

## BUS348 Decision Modeling and Analysis (3)

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: Liberal Arts; Information Management Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Accounting (542), Business (BUS), Business Analytics (531), Business Analytics (BAN), 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); May not be enrolled in the following class: Freshman
Prerequisites: BUS309 Minimum Grade of C-

## BUS349 Data Management and Big Data (3)

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 Management Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Accounting (542), Business (BUS), Business Analytics (531), Business Analytics (BAN), 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); May not be enrolled in the following class: Freshman

## BUS351 Leadership Workshop (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), International Business (546), Management (544), Marketing (545), Pre-MBA (0MBA), Undeclared:Business (000B), Undeclared:PreAccounting (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:PreMarketing (00MK); May not be enrolled in the following class: Freshman

## BUS360 Digital Marketing Strategy (3)

Study of the Internet's impact on the conduct of business in various industries. Topics include ebusiness models and the key strategic marketing issues for conducting business online.

Attributes: Information Management Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), 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 enrolled in the following class: Freshman Prerequisites: (BUS215 Minimum Grade of C- or BUS095 Minimum Grade of S) and BUS325 Minimum Grade of C-

## BUS368 Intermediate Accounting I (3)

Coverage of financial accounting and reporting for business enterprises. Topics include the accounting information system, conceptual framework, financial statements, and recognition and measurement of cash, receivables, inventory, plant and equipment, intangible assets. Students must earn a C+ or better in BUS368 to advance to BUS369.

Attributes: Critical Thinking Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), 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 ( 00 MG ), Undeclared:Pre-Marketing ( 00 MK ); May not be enrolled in the following class: Freshman
Prerequisites: BUS202 Minimum Grade of C- and (Math Placement Level 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C-)

## BUS369 Intermediate Accounting II (3)

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 Management Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), 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 enrolled in the following class: Freshman Prerequisites: BUS368 Minimum Grade of C+ and BUS341 Minimum Grade of C-* and (Math Placement Level 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C-)
*May be taken at the same time

## BUS371 Concepts in Federal Income Taxation (3)

Introduction to principles underlying the U.S. federal income tax system. Emphasis on individual income taxation with some coverage of corporate and partnership taxation.


#### Abstract

Attributes: Critical Thinking Advanced Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), 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 ( 00 MG ), Undeclared:Pre-Marketing ( 00 MK ); May not be enrolled in the following class: Freshman Prerequisites: BUS202 Minimum Grade of C- and (BUS215 Minimum Grade of C- or BUS095 Minimum Grade of S) and (Math Placement Level 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C-)


## BUS373 Cost Accounting (3)

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 be enrolled in one of 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), International Business (546), Management (544), Marketing (545), PreMBA (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 enrolled in the following class: Freshman
Prerequisites: BUS202 Minimum Grade of C- and (BUS215 Minimum Grade of C- or BUS095 Minimum Grade of S) and (Math Placement Level 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C-)

## BUS375 Auditing (3)

Introduction to the attest function and the independent auditor's role in society, with a focus on audit concepts and tools, including computerized auditing.


#### Abstract

Attributes: Information Management Advanced Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), 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 ( 00 FI ), Undeclared:Pre-Gen Business (00GB), Undeclared:Pre-Interntnl Bus (00IB), Undeclared:Pre-Management ( 00 MG ), Undeclared:Pre-Marketing ( 00 MK ) May not be enrolled in the following class: Freshman Prerequisites: BUS369 Minimum Grade of C- and (Math Placement Level 5 or MAT171 Minimum Grade of C- or MAT181 Minimum Grade of C-)


## BUS376 Investment Initiative (1)

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 be enrolled in one of 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), 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 enrolled in the following class: Freshman

## BUS381 Advanced Business Analytics (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Accounting (542), Business (BUS), Business Analytics (531), Business Analytics (BAN), 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); May not be enrolled in the following class: Freshman
Prerequisites: BUS311 Minimum Grade of C- and BUS347 Minimum Grade of C-

## BUS385 Supply Chain Analytics (3)

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 level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Accounting (542), Business (BUS), Business Analytics (531), Business Analytics (BAN), 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); May not be enrolled in the following class: Freshman
Prerequisites: BUS311 Minimum Grade of C- and BUS347 Minimum Grade of C- and BUS348 Minimum Grade of C-

## BUS386 Marketing Analytics (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Accounting (542), Business (BUS), Business Analytics (531), Business Analytics (BAN), 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); May not be enrolled in the following class: Freshman
Prerequisites: BUS325 Minimum Grade of C- and BUS347 Minimum Grade of C-

## BUS387 Analytics in Health Care (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Accounting (542), Business (BUS), Business Analytics (531), Business Analytics (BAN), 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); May not be enrolled in the following class: Freshman
Prerequisites: BUS311 Minimum Grade of C- and BUS347 Minimum Grade of C-

## BUS389 Time Series Analysis for Business (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Accounting (542), Business (BUS), Business Analytics (531), Business Analytics (BAN), 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); May not be enrolled in the following class: Freshman
Prerequisites: BUS311 Minimum Grade of C-

## BUS390 Business Intelligence and Analytics (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Accounting (542), Business (BUS), Business Analytics (531), Business Analytics (BAN), 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); May not be enrolled in the following class: Freshman

Prerequisites: BUS311 Minimum Grade of C- and BUS347 Minimum Grade of C-

## BUS391 Data Visualization (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Accounting (542), Business (BUS), Business Analytics (531), Business Analytics (BAN), 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 ( 00 MG ), Undeclared:Pre-Marketing ( 00 MK ); May not be enrolled in the following class: Freshman
Prerequisites: BUS309 Minimum Grade of C-
BUS393 Business Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman
BUS396 Departmental Elective (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman
BUS399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman

## BUS422 Leadership (3)

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: Liberal Arts; Critical Thinking Advanced
Restrictions: Must be enrolled in one of the following majors: Accounting (542), Business (BUS), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546),
Management (544); May not be enrolled in the following class: Freshman
Prerequisites: BUS250 Minimum Grade of C- and BUS321 Minimum Grade of C-

## BUS423 New Venture Development (3)

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 Management Advanced
Restrictions: Must be enrolled in one of the following majors: Accounting (542), Business (BUS), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman
Prerequisites: BUS250 Minimum Grade of C-

## BUS424 Social Entrepreneurship (3)

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 be enrolled in one of the following majors: Accounting (542), Business (BUS), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman
Prerequisites: BUS250 Minimum Grade of C- and BUS321 Minimum Grade of C-

## BUS425 Marketing Research (3)

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 Management Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman Prerequisites: BUS325 Minimum Grade of C- and BUS311 Minimum Grade of C-

## BUS427 Advertising Strategy (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Must be enrolled in one of the following majors: Accounting (542), Business (BUS), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman
Prerequisites: BUS325 Minimum Grade of C-

## BUS429 Marketing Strategy (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business (BUS), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class:

Freshman
Prerequisites: BUS325 Minimum Grade of C-

## BUS430 International Marketing (3)

Focus on marketing management issues in the international environment. Emphasis on how different cultures and environments impact marketing programs.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman Prerequisites: BUS325 Minimum Grade of C- and BUS346 Minimum Grade of C-

## BUS431 International Management (3)

Coverage of management issues corporations face when doing business internationally. Topics include culture, corporate strategy and structure cross-cultural communication and negotiation, and international human resource management.

Attributes: Information Management Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman
Prerequisites: BUS346 Minimum Grade of C-

## BUS441 Financial Management and Policy (3)

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: Liberal Arts; Critical Thinking Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman Prerequisites: BUS202 Minimum Grade of C- and BUS341 Minimum Grade of $\mathrm{C}+$

## BUS442 Advanced Accounting (3)

Accounting for business combinations, consolidated entities, partnerships, governmental and not-for-profit organizations, and multinational entities.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman Prerequisites: BUS369 Minimum Grade of C-

## BUS443 Investment Analysis and Portfolio Management (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business Analytics (531), Finance (543), General Business (547), Marketing (545),

International Business (546), Management (544); May not be enrolled in the following class: Freshman Prerequisites: BUS341 Minimum Grade of C+

## BUS445 International Financial Management (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman
Prerequisites: BUS341 Minimum Grade of C+

## BUS447 Personal Financial Planning (3)

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: Liberal Arts; Information Management Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business (BUS), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman
Prerequisites: BUS341 Minimum Grade of C+

## BUS450 Strategic Management (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); Must be enrolled in the following class: Senior
Prerequisites: BUS312 Minimum Grade of C-* and BUS341 Minimum Grade of C-

* May be taken at the same time


## BUS452 Digital Marketing Analytics (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business (BUS), Business Analytics (531), Business Analytics (BAN), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following classes: Sophomore, Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
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+)

## BUS453 Voluntary Income Tax Assistance (VITA) (3)

Preparation of basic federal and New York State income tax returns as a service to the college and local communities.

Attributes: Practicum/Non-Clinical; Service Learning
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Accounting (542), Business Analytics (531), Finance (543), General Business (547), International Business (546), Management (544), Marketing (545); May not be enrolled in the following class: Freshman
Prerequisites: BUS201 Minimum Grade of C- and BUS371 Minimum Grade of C-

## BUS456 Human Resources \& Organizational Behavior Applications (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman Prerequisites: BUS250 Minimum Grade of C- and BUS321 Minimum Grade of C-

## BUS457 Entrepreneurship and Business Planning (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman
Prerequisites: BUS202 Minimum Grade of C- and BUS250 Minimum Grade of C- and BUS325 Minimum Grade of C- and BUS341 Minimum Grade of C-

## BUS458 Introduction to Project Management (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business (BUS), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman

## BUS459 Intro to Risk Management and Derivatives (3)

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, forwards and futures pricing theories and Black-Scholes option pricing model.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), International Business (546), Management (544), Marketing (545); May not be enrolled in the following class: Freshman Prerequisite: BUS341 Minimum Grade of C+

## BUS460 Financial Analytics (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Accounting (542), Business Analytics (531), Business Analytics (BAN), Finance (543), General Business (547), General Business - ITU (547U), General Business - Izmir (547I), International Business (546), Management (544), Marketing (545); May not be enrolled in the following class: Freshman
Prerequisites: BUS459 Minimum Grade of C-

## BUS461 Business Analytics Capstone (3)

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 Management Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of 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), International Business (546), Management (544), Marketing (545); May not be enrolled in the following class: Freshman

Prerequisites: BUS309 Minimum Grade of C- and BUS311 Minimum Grade of C- and BUS347 Minimum Grade of C- and BUS348 Minimum Grade of C- and BUS349 Minimum Grade of C- and BUS381 Minimum Grade of C-

BUS493 Business Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Accounting (542), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman

BUS494 Fieldwork In Business (1-3; may be repeated for credit)
Supervised experience in a business environment.
Restrictions: Must be enrolled in one of the following majors: Accounting (542), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

BUS495 Independent Study Business (1-12; may be repeated for credit)
Supervised study and research.
Restrictions: Must be enrolled in one of the following majors: Accounting (542), Business Analytics (531), Finance (543), General Business (547), Marketing (545), International Business (546), Management (544); May not be
enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

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## 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 teachers and school administrators who create classroom and school communities 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

The Professional Education Unit and the School of Education are accredited by the National Council for Accreditation of Teacher Education (NCATE), 2010 Massachusetts Avenue NW, Suite 500, Washington, DC 20036; phone: 202-466-7496. This accreditation covers initial teacher preparation programs and advanced educator preparation programs. NCATE is recognized by the U.S. Department of Education and the Council for Higher Education Accreditation to accredit programs for the preparation of teachers and other professional school personnel.

## Adolescence Education (Department of Teaching \& Learning)

Phone: (845) 257-2850
Location: Old Main Building, Room 323
Web address: www.newpaltz.edu/secondaryed
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. Certificates for teaching in New York State are automatically accepted for teaching in many other states.
> * Please note that the College will stop accepting admission to Adolescence Education: French and Adolescence Education: Spanish programs starting in fall 2019.

## 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: Admissions Requirements

## Effective Fall 2019:

- Students may apply to the Adolescence Education program during their first year. Those who enter the program at a later point may need more than eight semesters to graduate.
- 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).
- Note: Current 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.

Transfer students must complete an application to the Adolescence Education program. Transfer students may be waived from EDI233 Education Seminar unless their advisor recommends that they take the course.

## Adolescence Education: Education Courses (38 credits)

## Educational Studies

Required courses. .12 credits
EDS340 Social 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)

## Secondary Education

Required courses 10 credits
SED354 Foundations of Secondary Education Seminar (1)
SED453 Introduction to Curriculum and Assessment (3)
SED356 Teaching \& Learning in the Digital Environment (3)
SED353 Fieldwork \#1 (1)

SED350 Fieldwork \#2 (1)
SED407 Fieldwork \#3 (1)

## Methods

One of the following (taken the semester before Student Teaching).... $\mathbf{3}$ credits
SED370 Teaching English in the Secondary School (3)
SED371 Teaching French in the Secondary School (3)
SED373 Teaching Social Studies in the Secondary School (3)
SED374 Teaching Science in the Secondary School (3)
SED375 Teaching Mathematics in the Secondary School (3)
SED381 Teaching Spanish in the Secondary School (3)

## Student Teaching

Required courses...................................... 13 credits
SED404 Student Teaching Secondary, 7-9 (6)
SED405 Student Teaching Secondary, 10-12 (6)
SED406 Student Teaching Seminar (1)

## Additional Requirements

In addition to the courses above, the following specialized training and workshops are required for all New York State teacher-preparation programs leading to an Initial Certificate.

## Foreign Language Requirement

A requirement in the study of a language other than English must be met. Students with no previous college-level language study must complete a two-semester sequence in a language; students who can be placed at an intermediate or advanced level must complete one course. The study of American Sign Language satisfies this New York State teacher certification requirement. (Sign Language courses approved for SUNY General Education may also be used to satisfy the Foreign Language category of GE.)

## New York State Certification Examinations

Teacher Performance Assessment Portfolio (edTPA)
Educating All Students Test (EAS)
Revised Content Specialty Tests (CST) as they become available. See
www.nystce.nesinc.com/NY_annProgramUpdate.asp

## 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.

## State-Mandated Workshops

1. 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.
2. 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.
3. 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.
4. Training in Health \& Safety Education: This 0-credit online training (EDI095) 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).

You are advised to complete these workshops as soon as possible after you are admitted to the program.

## Fingerprinting

State-mandated fingerprinting should be done as soon as possible after you are admitted to the program. You can pick up a fingerprinting packet in the Old Main Building, Room 323.

Students must have good moral character. (Applicants for admission are asked to provide information about past convictions, misconduct, etc. on the application for a certificate, and the New York State Education Department is authorized to investigate complaints regarding an applicant's past convictions which raise a reasonable question as to the individual's moral character.)

## Required coursework in a Liberal Arts major (34-65 credits)

## Adolescence Education Majors:

» Biology
» Chemistry
» Earth Science
» English
» French - Please note that the College will stop admitting students to this program as of Fall 2019.
» Mathematics
» Physics
» Social Studies
» Spanish - Please note that the College will stop admitting students to this program as of Fall 2019.

## $\underline{B i o l o g y}$ (7-12) - 59-64 credits

Required Biology courses.................................................. 12 credits
BIO201 General Biology I (3)
BIO211 General Biology I Lab (1)
BIO202 General Biology II (3)
BIO212 General Biology II Lab (1)
BIO320 Genetics (3) and BIO321 Genetics Lab (1)
One course from each of the following content areas......9-12 credits
Environmental Biology
BIO340 Ecology (4)
BIO301 Field Biology Fall (3)
BIO440 Freshwater Biology (4)
Evolution and Diversity of Life
BIO305 Plant Morphology (4)
BIO307 Comparative Vertebrate Anatomy (4)
BIO350 General Microbiology (4)
BIO370 Animal Physiology (4)
BIO412 Evolutionary Theory (3)
BIO418 Animal Behavior (3)
BIO435 Entomology (4)
Architecture of Life
BIO311 Developmental Plant Anatomy (4)
BIO358 Molecular Biology (4)
BIO359 Cell Biology (4)
BIO413 Developmental Biology (4)
BCM360 Protein Structure \& Function (4)
BCM461 Biochemistry I (3)
Biology electives: Two (2) upper-division courses..........7-9 credits
Required cognate courses. .31 credits
CHE201 General Chemistry I (3)
CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3)
CHE212 General Chemistry II Lab (1)
CHE318 Organic Chemistry I (3)
CHE306 Organic Chemistry I Lab (1)

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PHY221 Fundamental Physics I (3)
PHY211 Physics I Lab (1)
PHY222 Fundamental Physics II (3)
PHY232 Fundamental Physics II Lab (1)
OR
PHY201 General Physics I (3)
PHY211 Physics I Lab (1)
PHY202 General Physics II (3)
PHY212 General Physics II Lab (1)
MAT251 Calculus I (4)
MAT252 Calculus II (4)
MAT241 Introduction to Statistics (3)
Chemistry (7-12) - 55 credits
Required Chemistry courses........................... }32\mathrm{ credits
CHE201 General Chemistry I (3)
CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3)
CHE212 General Chemistry II Lab (1)
CHE303 Introduction to Analytical Chemistry (4)
CHE318 Organic Chemistry I (3)
CHE306 Organic Chemistry I Lab (1)
CHE314 Inorganic Chemistry (3)
CHE319 Organic Chemistry II (3)
CHE309 Organic Chemistry II Lab (1)
CHE321 Physical Chemistry I (3)
CHE322 Physical Chemistry II (3)
CHE323 Experimental Physical Chemistry (3)
Required cognate courses.
23 credits
BIO201 General Biology I (3) and BIO211 General Biology I Lab (1)
OR
GLG201 Physical Geology (3) and GLG211 Physical Geology Lab (1)
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## Plus:

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MAT251 Calculus I (4)
MAT252 Calculus II (4)
MAT341 Applied Mathematics I (3)
PHY201 General Physics I (3)
PHY211 Physics I Lab (1)
PHY202 General Physics II (3)
PHY212 General Physics II Lab (1)
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Earth Science (7-12) - 58 credits
Geology core ..... 24 credits
GLG201 Physical Geology (3)
GLG211 Physical Geology Lab (1)
GLG301 Historical Geology (4)
GLG311 Mineralogy-Crystallography (4)
GLG314 Petrology (4)
GLG331 Stratigraphy-Sedimentation (4)
GLG405 Structure and Tectonics (4)
Geological science courses. ..... 11 credits
GLG120 Weather and Environment (4)
GLG305 Paleontology (4)
One of the following by advisement:
GLG339 Natural Resources and Energy (3)
GLG346 Environmental Impact Assessment (3)
Cognate courses ..... 23-24 credits
CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3) and CHE212 General Chemistry II Lab (1)
MAT251 Calculus I (4)
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
One of the following:
PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)
PHY222 Fundamental Physics II (3) and PHY232 Fundamental Physics II Lab (1)
One of the following:
PHY205 Exploring the Solar System (3)
PHY206 Exploring the Universe (3)

Recommended courses. $\qquad$ .12 credits
BIO201 General Biology I (3) and BIO211 General Biology I Lab (1)
CPS210 Computer Science I: Foundations (4)
GEO383 Introduction to GIS (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, ENG180, ENG206, ENG207) are not included in the major requirement.
- Courses taken $S^{*} / \mathrm{U}^{*}$ 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.
Foundational courses ..... 16 creditsENG300 Seminar in Critical Practices (4)ENG303 Introduction to British Literature (4)ENG333 Introduction to American Literature (4)plus one of the following:ENG343 Transnational Literature (4)
ENG353 Multiethnic \& Diasporic Literature (4)
English language. ..... 3 credits
Choose one of the following:
ENG327 Development of Modern English (3)
LIN201 Introduction to Linguistics (3)
Shakespeare4 credits
Choose one of the following:
ENG406 Shakespeare I: Selected Works (4)
ENG407 Shakespeare II: Selected Works (4)
Theory and practice of reading and writing

$\qquad$
3 creditsChoose one of the following:ENG224 Expository Writing (3)
ENG345 Creative Writing Workshop 1 (3)
ENG385 Theories of Writing (3)
Literary criticism4 credits
Choose one of the following:
ENG420 Literary Criticism (4)
ENG423 Contemporary Literary Theory (4)
Literature for young adults ..... 4 credits
Choose one of the following:
ENG460 Classic Juvenile Fantasy Literature (4)
ENG465 Young Adult Literature (4)
One upper-division course in English* ..... 3-4 credits
*Excludes ENG345, ENG348, ENG445, ENG448, ENG452, ENG453, ENG454, ENG455.
French (7-12) - 36-48 credits

* Please note that the College will stop admitting students to this program as of Fall 2019.
Basic language courses12 creditsFRN101 Elementary French I (3)
FRN102 Elementary French II (3)
FRN201 Intermediate French I (3)
FRN202 Intermediate French II (3)

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.

Required courses.............................. 27 credits
FRN301 French Composition and Conversation I (4)
FRN302 French Composition and Conversation II (4)
FRN319 French Civilization (4)
FRN320 Francophone Cultures (4)
FRN375 French Literature to 1800 (4)
FRN376 French \& Francophone Literature after 1800 (4)
Plus one of the following:
FRN401 Advanced French Composition and Conversation 1 (3)
FRN402 Advanced French Composition and Conversation 2 (3)
Electives. .9 credits
Each major candidate is required to complete, by advisement, three courses in French at the 400level or equivalent.

Candidates for certification must earn satisfactory scores on a proficiency test in French.

## Mathematics (7-12) - 47-48 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 (3)
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) or CPS210 Computer Science I: Foundations (4) plus
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)

## Physics (7-12) - 53 credits

## Required Physics courses. 30 credits

PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)
PHY306 Mechanics I (3)
PHY308 Modern Physics I (3) and PHY310 Modern Physics Laboratory (1)
PHY313 Electricity and Magnetism (3)
Four upper-division Physics electives (12 credits)

## Required cognate courses. 23 credits

MAT251 Calculus I (4)
MAT252 Calculus II (4)
MAT353 Calculus III (4)
MAT341 Applied Mathematics I (3)
CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3) and CHE212 General Chemistry II Lab (1)

## Social Studies (7-12) - 43-46 credits

## Required history courses

 .43-46 credits
## I. EUROPE (10-11 credits)

Three courses; at least one should be 200-level and one must be upper-division; at least one must be History.
II. UNITED STATES (10-11 credits)

Three courses; at least one should be 200-level and one must be upper-division; at least one must be History.
III. AFRICA, AMERICAN INDIANS, ASIA (including Russia), LATIN AMERICA, MIDDLE EAST (10-11 credits)
Three courses; at least one should be 200-level and one must be upper-division; at least one must be History.
IV. GEOGRAPHY/ECONOMICS (9 credits)

GEO213 Economic Geography or GEO201 Human Geography and either
One additional Geography course and one Economics course or two Economics courses
V. POLITICAL SCIENCE (4 credits)

POL216 American Government and Politics or
POL227 International Politics or
POL229 Introduction to Comparative Politics

## Notes for Social Studies major:

1. All courses should have prior approval under History Department advisement.
2. No selected topic or independent study courses to be used, except by special permission.
3. All majors are required to maintain portfolios of their history essays and to write a 300word "Exit Essay" as a requirement for graduation. See your advisor for details. 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 "Post1500."

## Spanish (7-12) - 36-49 credits

* Please note that the College will stop admitting students to this program as of Fall 2019.

Basic language courses $\qquad$ 13 credits
SPA101 Elementary Spanish I (3)
SPA102 Elementary Spanish II (3)
SPA201 Intermediate Spanish I (3)
SPA202 Intermediate Spanish II (4)
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.

Additional required courses..................... 27 credits
SPA301 Spanish Composition and Conversation I (4)*
SPA361 Spanish Composition and Conversation II (4)*
*Students whose home language is Spanish may substitute SPA315 Spanish for
Native Speakers (4) for either SPA301 or SPA361.
SPA365 Culture and Civilization of Spain (4)
SPA372 Culture of Latin America (4)
SPA375 Survey Spanish Literature (4)
SPA376 Survey of Latin American Literature (4)
Plus one of the following:
SPA363 Spanish Phonetics and Oral Practice (3)
SPA461 Advanced Spanish Composition (3)
SPA4xx Spanish elective (3)
Electives
9 credits
Each major is required to complete by advisement three courses in Spanish at the 400- or 500level.

Candidates for certification must earn satisfactory scores on a proficiency test in Spanish.

## Adolescence Education: 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 candidates from taking any other course(s) while registered for student teaching except the co-requisite Fieldwork 3 and the student teaching seminar.

## Requirements to Student Teach:

- Grade of B or better in Methods Course*
- Approval of Coordinator and Chair
- Satisfactory completion of all components of the departmental Assessment Exam French/Spanish (French/Spanish candidates only)
- Advanced-Low level or higher on the ACTFL Oral Proficiency Interview French/Spanish (French/Spanish candidates only)
*GPA Requirements for Methods: Effective Fall 2015, 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.


## 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.

## Course Descriptions: Adolescence (Secondary) Education

SED293 Secondary Education Selected Topic (1-12; may be repeated for credit) Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

## SED295 Independent Study Secondary Education

No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## SED350 Fieldwork \#2 (1)

Students will immerse themselves in secondary school settings, cultures, and direct disciplinerelated activities. This includes interviewing, observing, and interacting with students, disciplinespecific teachers, administrators, and staff. Co-requisite: Discipline-specific methods course (SED370, SED371, SED373, SED374, SED375, SED381).

Attributes: Field Study
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## SED353 Field Work \#1 (1)

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.

Attributes: Field Study

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Chemistry (441), Adolescence Ed: Earth Science (442), Adolescence Ed: English (443), Adolescence Ed: Physics (449), Adolescence Ed: Social Studies (445), Adolescence Ed: Math (446), Adolescence Ed: Spanish (447), Adolescence Ed: Biology (440), Adolescence Ed: French (444); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: SED Fieldwork Form Y
Corequisites: SED453

## SED354 Foundations of Secondary Education Seminar (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Chemistry (441), Adolescence Ed: Earth Science (442), Adolescence Ed: English (443), Adolescence Ed: Physics (449), Adolescence Ed: Social Studies (445), Adolescence Ed: Math (446), Adolescence Ed: Spanish (447), Adolescence Ed: Biology (440), Adolescence Ed: French (444); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## SED356 Teaching and Learning in the Digital Environment (3)

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.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Chemistry (441), Adolescence Ed: Earth Science (442), Adolescence Ed: English (443), Adolescence Ed: Physics (449), Adolescence Ed: Social Studies (445), Adolescence Ed: Math (446), Adolescence Ed: Spanish (447), Adolescence Ed: Biology (440), Adolescence Ed: French (444); May not be enrolled in the following class: Freshman

## SED358 Education Across Borders (3)

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: Liberal Arts, Writing Intensive, GE4: WORLD CIVILIZATIONS, GE3: WRLD, Effective Expression/Written
Restrictions: May not be enrolled in the following class: Freshman

## SED370 Teaching English in the Secondary School (3)

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.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Adolescence Ed: English (443); May not be enrolled in the following class: Freshman
Prerequisites: SED350
*May be taken at the same time

## SED371 Teaching French in the Secondary School (3)

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.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Chemistry (441), Adolescence Ed: Physics (449), Adolescence Ed: Math (446), Adolescence Ed: Spanish (447), Adolescence Ed: Biology (440), Adolescence Ed: Social Studies (445); May not be enrolled in the following class: Freshman
Prerequisites: SED350*
*May be taken at the same time

## SED373 Teaching Social Studies in the Secondary School (3)

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.

> Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Adolescence Ed: Social Studies (445); May not be enrolled in the following class: Freshman Prerequisites: SED350*
> *May be taken at the same time

## SED374 Teaching Science in the Secondary School (3)

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.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Chemistry (441), Adolescence Ed: Physics (449), Adolescence Ed: Math (446), Adolescence Ed: Spanish (447), Adolescence Ed: Biology (440), Adolescence Ed: Social Studies (445); May not be enrolled in the following class: Freshman
Prerequisites: SED350*
*May be taken at the same time

## SED375 Teaching Mathematics in the Secondary School (3)

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.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Chemistry (441), Adolescence Ed: Physics (449), Adolescence Ed: Math (446), Adolescence Ed: Spanish (447), Adolescence Ed: Biology (440), Adolescence Ed: Social Studies (445); May not be enrolled in the following class: Freshman
Prerequisites: SED350*
*May be taken at the same time

## SED381 Teaching Spanish in the Secondary School (3)

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.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Chemistry (441), Adolescence Ed: Physics (449), Adolescence Ed: Math (446), Adolescence Ed: Spanish (447), Adolescence Ed: Biology (440), Adolescence Ed: Social Studies (445); May not be enrolled in the following class: Freshman
Prerequisites: SED350*
*May be taken at the same time
SED393 Secondary Education Selected Topic (1-12; may be repeated for credit) Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Spanish (447), Adolescence Ed: Math (446), Adolescence Ed: Social Studies (445), Adolescence Ed: English (443), Adolescence Ed: Earth Science (442), Adolescence Ed: Chemistry (441), Adolescence Ed: Biology (440), Adolescence Ed: Physics (449), Adolescence Ed: French (444); May not be enrolled in the following class: Freshman

## SED404 Student Teaching Secondary, 7-9 (6)

A full-time experience in the major areas of teacher responsibility in grades 7-9.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Spanish (447), Adolescence Ed: Math (446), Adolescence Ed: Social Studies (445), Adolescence Ed: English (443), Adolescence Ed: Earth Science (442), Adolescence Ed: Chemistry (441), Adolescence Ed: Biology (440), Adolescence Ed: Physics (449), Adolescence Ed: French (444); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Corequisites: SED405, SED406, SED407

## SED405 Student Teaching Secondary 10-12 (6)

A full-time experience in the major areas of teacher responsibility in grades 10-12.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Spanish (447), Adolescence Ed: Math (446), Adolescence Ed: Social Studies (445), Adolescence Ed: English (443), Adolescence Ed: Earth Science (442), Adolescence Ed: Chemistry (441), Adolescence Ed: Biology (440), Adolescence Ed: Physics (449), Adolescence Ed: French (444); May not be enrolled in the following class: Freshman
Prerequisites: SED404 and SED406 and SED407

## SED406 Student Teaching Seminar (1)

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

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Spanish (447), Adolescence Ed: Math (446), Adolescence Ed: Social Studies (445), Adolescence Ed: English (443), Adolescence Ed: Earth Science (442), Adolescence Ed: Chemistry (441), Adolescence Ed: Biology (440), Adolescence Ed: Physics (449), Adolescence Ed: French (444); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Corequisites: SED404, SED405

## SED407 Fieldwork \#3 (1)

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 (SED403, SED404, SED405).

Attributes: Field Study
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Spanish (447), Adolescence Ed: Math (446), Adolescence Ed: Social Studies (445), Adolescence Ed: English (443), Adolescence Ed: Earth Science (442), Adolescence Ed: Chemistry (441), Adolescence Ed: Biology (440), Adolescence Ed: Physics (449), Adolescence Ed: French (444); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Corequisites: SED404, SED405, SED406

## SED453 Introduction to Curriculum and Assessment (3)

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 the Hudson Valley.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Spanish (447), Adolescence Ed: Math (446), Adolescence Ed: Social Studies (445), Adolescence Ed: English (443), Adolescence Ed: Earth Science (442), Adolescence Ed: Chemistry (441), Adolescence Ed: Biology (440), Adolescence Ed: Physics (449), Adolescence Ed: French (444); May not be enrolled in the following class: Freshman
Prerequisites: SED Fieldwork Form Y
Corequisites: SED353

SED493 Secondary Education Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman

## SED494 Fieldwork In Secondary Education

No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman
SED495 Independent Study Secondary Education
No description is available for this course.

Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.

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## Early Childhood \& Childhood Education

Phone: (845) 257-2860
Location: Old Main Building 115
Web address: www.newpaltz.edu/elementaryed
The Early Childhood \& Childhood Education Program 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 (birth through grade two) and Childhood Education (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 Student Teaching 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

## Effective Fall 2019:

- 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, EDS371, MAT140, MAT240, GEO202, foreign 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.)
- 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.

Transfer students may use American Sign Language courses to fulfill their General Education and Early Childhood \& Childhood Education foreign language requirements.

## Required Coursework

## The required course work falls under three categories:

A. Education course requirements
B. An approved liberal arts major (concentration)
C. General Education requirement

## 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:

General Education requirements (see "C.," below)
Liberal Arts major (concentration) requirements (see "B.," below)
Foreign Language $1 \& 2$
MAT140 Mathematics for Elementary School Teachers 1 (3)
MAT240 Mathematics for Elementary School Teachers 2 (3)
GEO202 Physical Geography (3)
EDS340 Social \& Philosophical Foundations of Education (3)
EDS371 Child Psychology and Development (3)
EED370 Education of Diverse Populations in Early Childhood \& Elementary School (3)
EED415 Development of Symbolic Representation, Language \& Literacy (3)
EED412 Preschool and Kindergarten Curriculum (3)
EED371 Developmentally Appropriate Practices in Early Childhood \& Elementary School (3)

Year Three:
General Education requirements
Liberal Arts major (concentration) requirements
EED375 Teaching Reading in the Elementary School 1 (3)
EED301 Fieldwork I (1 credit, 40 hours)
SPE350 Creating Inclusive Elementary School Classrooms (3)
EED380 Teaching Mathematics, Science \& Technology in the Elementary School (6)
EED302 Fieldwork II (1 credit, 20 hours)

## Year Four:

Liberal Arts major (concentration) requirements
EED376 Teaching Reading/Language Arts in the Elementary School 2 (3)
EED379 Teaching Social Studies in the Elementary School (3)
EED303 Fieldwork III (1 credit, 60 hours)
EED404 Student Teaching, Primary Setting (6)*
EED405 Student Teaching, Intermediate Setting (6)*
EED406 Student Teaching Seminar (1)
*Students must complete all coursework prior to Student Teaching and must meet the following requirements:

Students must have at least a 3.0 overall GPA; B- or better in required EED and SPE courses; at least 2.5 GPA in concentration; satisfactory dispositions assessment; and "target" or "proficient" lesson/unit planning skills.

## B. Approved Liberal Arts Majors, 29-40 Credits

Students must complete an approved academic major (concentration). Transfer courses for which advanced standing has been given and which are comparable to those meeting major requirements or are appropriate to an individualized major may be acceptable under advisement.

## Majors for Early Childhood \& Childhood Education (B-6) Students

The majors for Early Childhood \& Childhood Education students have been selected from the College of Liberal Arts \& Sciences and are in direct accord with New York State Learning Standards:

Art History
Biology
Black Studies (historical core or language arts core)
Earth Science (Geology)
English
French
Geography
History
Mathematics
Political Science
Spanish

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.

Required courses 24 credits
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 ARH370 Art of Hudson Valley (3)
ARS105 Introduction to Studio Art (3)
ARS110 Introduction to Ceramics (3) or ARS120 Introduction to Metal (3) or ARS170 Introduction to Sculpture (3)
plus two courses in Asian Art, chosen from the following (6 credits):
ARH340 The Arts of Early China (3)
ARH341 The Arts of Later China (3)
ARH342 The Arts of Japan (3)
ARH343 Japanese Arts of the Edo Period (3)
ARH344 History of Buddhist Art (3)
ARH345 Art in Modern China (3)
ARH378 Sacred Spaces, Divine Images (3)
ARH452 Chinese Painting: Figure in Landscape (3)
Art History electives. 6 credits

Biology (B-6) - 29-31 credits

## Required courses.

 16 creditsBIO201 General Biology I (3)
BIO211 General Biology I Lab (1)
BIO202 General Biology II (3)
BIO212 General Biology II Lab (1)
BIO320 Genetics (3) and BIO321 Genetics Lab (1)
BIO340 Ecology (4)
One of the following. $\qquad$ 4 credits
BIO305 Plant Morphology (4)
BIO307 Comparative Vertebrate Anatomy (4)
One of the following. $\qquad$ .3 credits
BIO301 Field Biology - Fall (3)
BIO412 Evolutionary Theory (3)
BIO418 Animal Behavior (3)
Electives: Two (2) upper-division Biology electives. $\qquad$ 6-8 credits

Required courses.

## 12 credits

BLK100 Introduction 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)
In addition, each major is required to develop a focus by completing six courses from either the (1) Historical Core or (2) Language Arts Core. .18 credits

## (1) Historical Core

BLK200 Introduction to Africa (3)
BLK201 Black History I (3)
BLK202 Black History II (3)
BLK231 Development of Afro-Latin American Civilization 1492-1825 (3)
BLK232 Contemporary Afro-American Civilization Since 1825 (3)
BLK301 Survey of Pre-Colonial Africa to 1800 (3)
BLK302 Survey of Contemporary Africa: Nineteenth Century to Present (3)
BLK309 Introduction to Afro-Brazilian History (3)
BLK311 Blacks in the Caribbean (1492-Present) (3)
BLK325 History of Slavery in Americas (3)
BLK331 The American Civil Rights Movement (3)
BLK347 History of South Africa (3)
BLK369 History of Terrorism Against Blacks \& Native Americans (3)
BLK401 Blacks in New York History (3)
BLK450 The Portuguese in Africa (3)
BLK460 West African Kingdoms in the Nineteenth Century (3)
BLK522 African/African-American History (3)
(2) Language Arts Core

BLK268 Survey of Black American Literature
BLK269 Black Poetry and Drama (3)
BLK272 Rap and Spoken Word (3)
BLK310 Blacks and the Media (3)
BLK315 Black \& Latino Children's Literature (3)
BLK320 Contemporary Black American Literature (3)
BLK323 Black Poetry (3)
BLK328 Black Drama in America (3)
BLK333 Black Rhetoric (3)
BLK412 Critical Analysis of Black American Literature (3)
BLK415 Recurrent Themes in Black Literature (3)
BLK510 Contemporary Black Women's Literature (3)

Earth Science (Geology) (B-6) - 34-35 credits

## Cognate courses. .7 credits

PHY205 Exploring the Solar System (3) or PHY206 Exploring the Universe (3)
CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1)
Geology courses 27-28 credits
GLG120 Weather and Environment (4)
GLG201 Physical Geology (3)
GLG211 Physical Geology Lab (1)
GLG301 Historical Geology (4)
GLG305 Paleontology (4)
GLG311 Mineralogy and Crystallography (4)
GLG331 Stratigraphy-Sedimentation (4)
One 300-level geology course by advisement (3-4)
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, ENG180, ENG206, ENG207) are not included in the major requirement.
- Courses taken $\mathrm{S}^{*} / \mathrm{U}^{*}$ 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.


## Literature requirement

 12 creditsENG303 Introduction to British Literature (4)
ENG333 Introduction to American Literature (4)
plus one of the following courses:
ENG353 Multiethnic \& Diasporic Literature (4)
ENG453 Transnational Literature (4)
Writing requirement. 12-13 credits
Choose any four of the following courses:
ENG224 Expository Writing (3)
ENG226 Practical Grammar (3)
ENG300 Seminar in Critical Practice (4)
ENG345 Creative Writing Workshop I (3)
ENG385 Theories of Writing (3)
LIN201 Introduction to Linguistics (3)

Elective courses. 7-8 credits
One of the following upper-division courses in literature before 1800 (3-4 credits)*:
ENG355 The Bible (4)
ENG356 Greek and Roman Literature (3)
ENG404 Medieval Literature (4)
ENG405 Elizabethan Literature (4)
ENG406 Shakespeare I: Selected Works (4)
ENG407 Shakespeare II: Selected Works (4)
ENG408 Seventeenth-Century English Literature (4)
ENG413 Eighteenth-Century English Literature (4)
ENG414 The Rise of the Novel (4)
ENG435 Early American Literature (4)
ENG470 Major Authors (4), if appropriate
ENG493 Selected Topics (4), if appropriate
plus one 400-level course in English (4 credits), excluding ENG420, ENG423, ENG445, ENG448, ENG451, ENG452, ENG453, ENG454, ENG455
*Note that ENG303 Introduction to British Literature is a prerequisite for most of these courses.
French (B-6) - 30-39 credits
Basic language courses. $\qquad$ 9 credits
FRN101 Elementary French I (3)
FRN102 Elementary French II (3)
FRN201 Intermediate French I (3)

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.

Required courses $\qquad$ 30 credits
FRN202 Intermediate French II (3)
FRN301 French Composition and Conversation I (4)
FRN302 French Composition and Conversation II (4)
FRN319 French Civilization (4)
FRN320 Francophone Cultures (4)
FRN375 French Literature before 1800 (4)
FRN376 French \& Francophone Literature after 1800 (4)
FRN401 Advanced French Composition and Conversation I (3)
or
FRN402 Advanced French Composition and Conversation II (3)

Geography (B-6) - 31-33 credits
Required courses 10 credits
GEO252 Economic Geography (3)
GEO274 Environment and Culture (3)
GEO381 Cartography (4)
Electives
21-23 credits
Each major candidate is required to complete, by advisement, seven courses in geography selected from systematic and/or regional courses, at least five of which shall be at the 300 -level or above.

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.


## Required courses

30-34 credits
I. UNITED STATES HISTORY: Two (2) courses (6-8 credits)
II. WORLD HISTORY: Four (4) courses (12-14 credits)

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.
III. NEW YORK STATE: One (1) of the following courses (3 credits)

HIS303 The Empire State
HIS308 Indians of New York State
HIS461 Hudson Valley Culture
Or alternative by advisement

## IV. UPPER-DIVISION HISTORY ELECTIVES: Three (3) courses (9 credits)

Mathematics (B-6) - 32-34 credits

## Required courses <br> 29-30 credits

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 Intro to Proof (3)
MAT331 Axiomatic Geometry (3)
MAT304 Foundations of Algebra (3)
One of the following:
CPS104 Visual Programming (3)
CPS210 Computer Science I: Foundations (4)
Upper-division mathematics elective...........3-4 credits

Political Science (B-6) - 36 credits
Required courses.
12 credits
POL216 American Government \& Politics (4)
POL227 Introduction to International Politics (4)
POL229 Introduction to Comparative Politics (4)
Upper-Division Electives.
24 credits
Six credits or less of the Government Internship (POL480) may be credited toward the Upper Division Electives.

Spanish (B-6) - 31-40 credits
Basic language courses. 9 credits
SPA101 Elementary Spanish I (3)
SPA102 Elementary Spanish II (3)
SPA201 Intermediate Spanish I (3)
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.

Required courses 31 credits
SPA202 Intermediate Spanish II (4)
SPA301 Spanish Composition and Conversation I (4) *
SPA361 Spanish Composition and Conversation II (4) *

* Students whose home language is Spanish may substitute SPA315 Spanish for Native Speakers (4) for either SPA301 or SPA361.
SPA365 The Culture and Civilization of Spain (4)
SPA372 The Culture of Latin America (4)
SPA375 Survey of Spanish Literature (4)
SPA376 Survey of Latin American Literature (4)

Plus one of the following:
SPA363 Spanish Phonetics and Oral Practice (3)
SPA461 Advanced Spanish Composition (3)
SPA4xx Spanish elective (3)

## C. General Education requirement

Early Childhood \& Childhood Education students take selected course work under advisement to meet the College's General Education requirement. Some General Education courses also fulfill prerequisites of the Early Childhood \& Childhood Education program. See the Education Advisor (Old Main Building, 115A) to ensure that all curricular requirements are met.

## Certification Requirements

## Fingerprinting

All teacher candidates must be fingerprinted by MorphoTrust upon acceptance into an education degree program. To make an appointment, please go to https://ny.ibtfingerprint.com/. For a list of locations, please check http://www.llenrollment.com/locations/?st=ny.

## 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.

## New York State Teacher Certification Examinations

Prospective Early Childhood \& Childhood teachers (B-6) are required to achieve passing scores on the ALST (Academic Literacy Skills Test); EAS (Educating All Students); CST (Content Specialty Test) Multi-Subject for Birth-Grade 2 and Multi-Subject for Grades 1-6; and one corresponding edTPA (Teacher Performance Assessment) for the initial certificate.

## Early Childhood Studies (non-certification)

Phone: (845) 257-2860
Location: Old Main Building 115
Web address: 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 environments where young children (infant through age 8) play and learn.

Classes explore early childhood pedagogy and practice, curriculum development and design, research and policy to prepare students to work in a variety of alternative learning environments: daycare settings, after-school and tutoring programs, 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 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.

## Please refer to Early Childhood \& Childhood Education, above, for the Liberal Arts concentrations and General Education requirements associated with the Early Childhood Studies program. Course descriptions for both programs appear below.

## Course Descriptions

EED293 Elementary Education Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

## EED295 Independent Study Elementary Education

No description is available for this course.
EED299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

EED301 Fieldwork 1 (1) (Pre-K-2)
Fieldwork focused on developmentally appropriate practices and teaching reading in grades pre-$\mathrm{K}-2$, including managing the physical classroom environment, evaluating the literacy environment, conducting a successful read aloud, and analyzing developmentally appropriate practices. 40 hours.
Attributes: Field Study
Restrictions: Must be enrolled in the following major: Early Childhood \& Chld Ed B-6 (601); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course Co-requisites: EED415 Minimum Grade of B- and EED370 Minimum Grade of B-

EED302 Fieldwork 2 (Math, Science, \& Technology Fieldwork) (1)
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 be enrolled in the following major: Early Childhood \& Chld Ed B-6 (601); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course Prerequisites: EED301 Minimum Grade of S and EED371 Minimum Grade of B- and EED375 Minimum Grade of B-Co-requisites: EED380

## EED303 Fieldwork Experience 3 (1)

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 be enrolled in the following major: Early Childhood \& Chld Ed B-6 (601); May not be enrolled
in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course Prerequisites: (EED302 Minimum Grade of S) and (EED380 Minimum Grade of B-)

## EED322 Play: the Roots of Learning for Young Children (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Early Childhood Studies (602); May not be enrolled in the following class: Freshman
Prerequisites: EED411 Minimum Grade of B- and EED391 Minimum Grade of S
Corequisites: EED412, EED485

## EED345 Seminar in Early Childhood Studies (3)

Participants will explore pedagogy, best practices, current issues, and special topics in early childhood education studies.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Early Childhood Studies (602); May not be enrolled in the following class: Freshman
Prerequisites: EED415 Minimum Grade of B- and EED414 Minimum Grade of B-
EED370 Education of Diverse Population in Early Childhood \& Elementary School (3) Introduction to the teaching of children, birth through $6^{\text {th }}$ grade, with a creative look at issues related to student diversity and multiculturalism. The course includes the examination of different types of programs and schools, the history of the education profession, and the professional expectations for working with diverse populations in many different settings.

Attributes: GE3: DIVR; Ethical Reflection
Restrictions: Must be enrolled in one of the following majors: Must be enrolled in the following major: Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman
Prerequisites: EDS371 Minimum Grade of C*
*May be taken at the same time

## EED371 Developmentally Appropriate Practices, Childhood (3)

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 be enrolled in one of the following majors: Must be enrolled in the following major: Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman
Prerequisites: EDS371 Minimum Grade of C*
*May be taken at the same time
EED375 Teaching Reading in the Elementary School I (3)
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: Writing Intensive
Restrictions: Must be enrolled in one of the following majors: Must be enrolled in the following major: Early Childhood and Childhood Education B-6 (601)
Prerequisites: EED370 Minimum Grade of B- and EED415 Minimum Grade of B-
Corequisites: EED301

## EED376 Teaching Reading/Language Arts in the Elementary School II (3)

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.

Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood \& Childhood Ed B-6 (601)
Prerequisites: (EED380 Minimum Grade of B-) and (EED302 Minimum Grade of S)
EED377 Teaching Mathematics in the Elementary School (3)
Procedures and materials for effective teaching of mathematics in early childhood and elementary grades.
Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman
Prerequisites: MAT140 Minimum Grade of D- and MAT240 Minimum Grade of D- and EED375 Minimum Grade of D-

## EED378 Teaching Science in the Elementary School (3)

Procedures and materials for effective teaching of science in early childhood and elementary grades.
Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman

## EED379 Teaching Social Studies in the Elementary School (3)

Procedures and materials for effective integrative teaching of social studies in early childhood and upper elementary grades.

Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman
Prerequisites: EED380 Minimum Grade of B- and EED302 Minimum Grade of S
EED380 Teaching Mathematics, Science and Technology in Elementary School (6)
This course is for students entering the Professional Semester. 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.

Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman Prerequisites: (EED375 Minimum Grade of B-) and (EED301 Minimum Grade of S)

EED381 Teaching English Language Arts and Social Studies in Elementary School (6) 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 be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman
Prerequisites: EED375 Minimum Grade of D-

## EED391 Field Experience Infants and Toddlers (1)

Field experience focused on infant and toddler observations with an emphasis on development, learning and parental involvement.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Early Childhood Studies (602); May not be enrolled in the following class: Freshman
Prerequisites: EED415 Minimum Grade of B- and EED370 Minimum Grade of B-
Corequisites: EED411
EED393 Elementary Education Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman

EED399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman

## EED404 Student Teaching, Primary Setting (6)

A full-time experience in the major area of teacher responsibility in a primary setting.
Attributes: Practicum - Non-Clinical
Restrictions: Must be enrolled in the following major: Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: (EED303 Minimum Grade of S) and (EED376 Minimum Grade of B-) and (EED379 Minimum Grade of B-)

## EED405 Student Teaching, Intermediate Setting (6)

A full-time experience in the major area of teacher responsibility in grades four through six.
Attributes: Practicum - Non-Clinical
Restrictions: Must be enrolled in the following major: Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this
course
Prerequisites: (EED303 Minimum Grade of S) and (EED376 Minimum Grade of B-) and (EED379 Minimum Grade of B-)

## EED406 Student Teaching Seminar (1)

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.

Restrictions: Must be enrolled in the following major: Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Corequisites: EED404, EED405

## EED411 Infant and Toddler Curriculum (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Early Childhood Studies (602); May not be enrolled in the following class: Freshman
Prerequisites: EED370 Minimum Grade of B- and EDS371 Minimum Grade of C-
Corequisites: EED391

## EED412 Preschool and Kindergarten (3)

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, socialemotional learning, mathematics, science, technology and social studies. 20 hours of fieldwork in a preschool required.

Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood \& Childhood Ed B-6 (601), Early Childhood Studies (602), Undecl: Ed Pre-Mathematics (00DM); May not be enrolled in the following class: Freshman
Prerequisites: (EED371 Minimum Grade of B-* or EED414 Minimum Grade of B-*) and EED415 Minimum Grade of B-*

* May be taken at the same time


## EED413 Curriculum III: First and Second Grades (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Early Childhood Studies (602); May not be enrolled in the following class: Freshman Prerequisites: EED414 Minimum Grade of B- and EED415 Minimum Grade of B-

## EED414 Developmentally Appropriate Practices for Children Birth-Second Grade (3)

 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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Early Childhood Studies (602); May not be enrolled in the following class: Freshman
Prerequisites: EED370 Minimum Grade of B-

## EED415 The Development of Symbolic Representation, Language, and Literacy (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood \& Childhood Ed B-6 (601), Early Childhood Studies (602); May not be enrolled in the following class: Freshman Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman
Prerequisites: EDS371 Minimum Grade of C*

* May be taken at the same time


## EED485 Field Experience Preschool and Kindergarten (1)

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 be enrolled in the following major: Early Childhood Studies (602); May not be enrolled in the following class: Freshman
Prerequisites: EED391 Minimum Grade of $S$
Corequisites: EED412
EED492 Research in Early Childhood Studies (3; may be repeated for credit)
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 be enrolled in the following major: Early Childhood Studies (602); May not be enrolled in the following class: Freshman
Prerequisites: EED322 Minimum Grade of B- and EED345 Minimum Grade of B-
EED493 Elementary Education Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman; Must be enrolled in the following major: Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman

## EED495 Indep Study Elementary Education

No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Must be enrolled in the following major: Early Childhood \& Childhood Ed B-6 (601); May not be enrolled in the following class: Freshman

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## Additional Course Descriptions: Education Interdisciplinary

## EDI095 Training in Health \& Safety Education (0)

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 one of 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), Child Ed 1-6 \& Early Child B-2 (020E), Childhood Ed 1-6 (020C), Communication Disorders (090), Early Childhood \& Chld Ed B-6 (601), School Counseling (295), School Leadership (401A), Second Language Education (065), Special Ed:Adolescence Ed. (060G), Visual Arts Education (189); Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## EDI193 EDI Selected Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

## EDI233 Education Seminar (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following classes: Sophomore, Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

EDI293 EDI Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

## EDI295 Indep Study Interdisciplinary Ed

No description is available for this course.
Attributes: Liberal Arts
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

EDI393 EDI Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

EDI399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
EDI493 EDI Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman
EDI494 Fieldwork In Interdisciplinary Ed
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## EDI495 Indep Study Interdisciplinary Ed

No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

EDI499 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

## Additional Course Descriptions: Educational Studies

Phone: (845) 257-2830/31
Location: South Classroom Building 153
Web address: www.newpaltz.edu/edstudies

The Department of Educational Studies does not have a program leading toward an undergraduate degree. However, the department offers some undergraduate-level courses that serve the Adolescence Education and Early Childhood \& Childhood Education programs. (Please refer to the Graduate Catalog for further information about Master's degree programs offered by the Department of Educational Studies.)

EDS293 Educational Studies Selected Topics (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## EDS295 Independent Study Educational Studies

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate
EDS299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate

## EDS340 Sociological and Philosophical Foundations of Education (3)

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: Liberal Arts; GE3: USST, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EDS351 Education of Self (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following classes: Senior, Junior

## EDS367 Human Development (3)

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 nuture, universality and diversity in development, and qualitative and quantitative developmental changes in human development across the life span.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EDS371 Child Psychology and Development (3)

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: Liberal Arts; GE4: SOCIAL SCIENCE,GE3: SSCI, Effective Expression/Oral, Effective Expression/Written
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EDS372 Developing Adolescence (3)

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: Liberal Arts; GE4: SOCIAL SCIENCE,GE3: SSCI, Effective Expression/Written, Ethical Reflection Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EDS373 Education from a Global Perspective (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EDS375 Education and Poverty (3)

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 proverty and how it shapes thought about social and educational reform.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EDS376 Expressive Arts in Education (3)

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 personcentered listening and communication counseling skill development.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EDS377 Expressive Arts in Education 2 (3)

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: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EDS382 Native American Science and Literacy Education (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EDS383 Introduction to Literacy for Diverse Learners (3)

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.

[^15]EDS393 Educational Studies Selected Topics (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

EDS399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

EDS493 Ed Studies Selected Topics (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EDS494 Fieldwork In Educational Studies

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EDS495 Independent Study Educational Studies

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

EDS499 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## Additional Course Descriptions: Special Education

SPE106 Multiple Voices: Diversity in US Education (3)
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: Liberal Arts; GE3: DIVR; Ethical Reflection

## SPE310 Psychology of Learners with Disabilities (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## SPE350 Creating Inclusive Elementary School Classrooms (3)

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 (effective spring 2020)
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## SPE385 Differentiating Instruction in the Secondary School (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Physics (449), Adolescence Ed: Spanish (447), Adolescence Ed: Math (446), Adolescence

Ed: Social Studies (445), Adolescence Ed: English (443), Adolescence Ed: Earth Science (442), Adolescence Ed: Chemistry (441), Adolescence Ed: Biology (440), Communication Disorders (588), Adolescence Ed: French (444); May not be enrolled in the following class: Freshman

SPE493 Special Education Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## SPE494 Fieldwork in Special Education

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## SPE495 Independent Study Special Education

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## Faculty

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## School of Fine \& Performing Arts

The School of Fine and Performing Arts comprises nationally accredited programs in Art Education, Art History, Art Studio, 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.

An interdisciplinary minor in Film \& Video Studies, coordinated through the Departments of Art History and Digital Media \& Journalist (College of Liberal Arts \& Sciences), 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

Phone: (845) 257-3830
Location: Fine Arts Building, Room 225
Web Address: www.newpaltz.edu/fpa
Prospective Art students must first be accepted into SUNY New Paltz. Upon acceptance to the college, students interested in Art programs and meeting departmental academic requirements* will be asked to submit a portfolio to determine admission to the Art Department. (Portfolio content and submission requirements differ for freshmen and transfer students; specific information is available at www.newpaltz.edu/art/admissions.html.) Students accepted into the Art Department will be placed according to the strengths of their artistic capabilities, as demonstrated by the proficiency and promise of work included in their portfolios.

Accepted students enter as prospective candidates for the Bachelor of Arts (BA) or Bachelor of Science (BS) degree in Visual Arts or as a pre-major in Art Education. Upon completion of the Art Department 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.

* 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.


## Transfer Applicants:

Up to 12 credits for the equivalent of New Paltz freshman foundation courses (Drawing: Visual Thinking I; Drawing: Visual Thinking II; Design: Color; 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.

## Majors in Visual Arts

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 Foundations 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 broad-based liberal arts education with a fundamental understanding of studio art practice.

Note: 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)

Required Foundation courses 15 credits
ARS100 Drawing: Visual Thinking I (3)
ARS101 Drawing: Visual Thinking II (3)
ARS102 Design: Color (3)
ARS103 Design: Form (3)
ARS112 Art Seminar (3)
200/300/400-level studio courses .24 credits
Any combination of basic 200-level (maximum of three), 300-level, and 400-level ARS and/or DDF studio courses, by advisement. (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.

Required progress review. $\qquad$ 0 credits
ARS365 Work in Progress Review, to be taken twice (junior year and senior year)
Required cognate courses..................................... 12 credits
ARH201 Art of the Western World I (3)
ARH202 Art of the Western World II (3)
Any two upper-division art history or art theory courses, by advisement (6)
Capstone course..................................................... 3 credits
ARS491 Creative Art Projects (3)
Requirements outside the major: An academic minor of the student's choice
Bachelor of Arts (BA) Program - 48 credits
Required Foundation courses.............................. 15 credits
ARS100 Drawing: Visual Thinking I (3)
ARS101 Drawing: Visual Thinking II (3)
ARS102 Design: Color (3)
ARS103 Design: Form (3)
ARS112 Art Seminar (3)
200/300-level studio courses. 15 credits
A combination of basic 200-level studio courses plus 300-level studio courses. The 200-level prerequisite must be met before any 300 -level course may be taken.

## Required cognate courses. .15 credits

ARH201 Art of the Western World I (3)
ARH202 Art of the Western World II (3)
Any three 300- to 400-level art history or art theory courses (9)

## Capstone course. .3 credits <br> ARS491 Creative Art Projects (3)

## Majors in Fine Arts

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. Programs include the following:

## Ceramics

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, wellequipped 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.

## Graphic Design

The graphic design option 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.

## Metal

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.

## Painting

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.

## Photography

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.

## Printmaking

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.

## Sculpture

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 wellequipped 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.

## Bachelor of Fine Arts (BFA) Programs

 $.81-85$ creditsNOTE: Students who are interested in pursuing a Bachelor of Fine Arts degree in a studio program must present their work to the program faculty. This internal review process is in addition to the portfolio review required for admission to the Art Department. The BFA reviews are held in each studio option near the conclusion of each semester.

For all BFA majors except Graphic Design:

## Foundation courses......... 15 credits

ARS100 Drawing: Visual Thinking I (3)
ARS101 Drawing: Visual Thinking II (3)
ARS102 Design: Color (3)
ARS103 Design: Form (3)
ARS112 Art Seminar (3)
Art History courses (all BFA majors) $\qquad$ .12 credits
ARH201 Art of the Western World I (3)
ARH202 Art of the Western World II (3)
PLUS:
For all BFA majors except Ceramics and Photography, choose two of the following:
ARH358 Modern Art, 1900-1970 (3)
ARH359 Contemporary Art, 1970 to the Present (3)
ARH3xx or ARH4xx Art History elective (3)
For Ceramics majors, choose two of the following:
ARH358 Modern Art, 1900-1970 (3)

## For Graphic Design majors:

Foundation courses......... 12 credits
ARS100 Drawing: Visual Thinking I (3)
ARS101 Drawing: Visual Thinking II (3)
ARS103 Design: Form (3)
ARS113 Designed World (3)

ARH359 Contemporary Art, 1970 to the Present (3)
ARH369 History of Modern Design (3)
ARH375 History of Decorative Arts (3)
For Photography majors:
ARH358 Modern Art, 1900-1970 (3) OR ARH359 Contemporary Art, 1970 to the Present (3)
ARH368 History of Photography (3)
For all BFA majors except Graphic Design:
Required Senior Seminar (writing intensive): ARS490 BFA Seminar (3)

## PLUS (all BFA majors)

One of the major programs below...........................51-57 credits

## Ceramics Major

Required program courses.
.36 credits
ARS210 Basic Ceramics (3)**
DDF205 Computer-Aided Design I (3)
ARS314 Ceramics Materials (3)**
ARS318 Ceramic Sculpture (3)*
ARS325 Ceramic Processes \& Techniques I (3)*
ARS327 Ceramic Processes \& Techniques II (3)*
ARS330 Wheel Throwing I (3)*
ARS336 Wheel Throwing II (3)
ARS414 Ceramics Seminar I (3)
ARS416 Ceramic Design \& Product Laboratory (3)*
ARS411 Senior Studio in Ceramics I (3)
ARS412 Senior Studio in Ceramics II (3)

* May be repeated for credit.
** May not be repeated for credit.
Required cognate courses $\qquad$ .6 credits
Any 200- or 300-level studio course, 2-dimensional (3)
Any 200- or 300-level studio course, 3-dimensional (3)
Studio electives............................................................... 9 credits


## Graphic Design Major

Required program courses. .45 credits
ARS205 Graphic Design (3)
ARS306 Visible Systems (3)
ARS307 Typography (3)

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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 (3)*
ARS405 Design Theory and Criticism (3)
ARS406 Interaction Design (3)
ARS407 Graphic Design Thesis I (3)*
ARS408 Graphic Design Thesis II (3)*
Plus two of the following:
ARS371 Data Visualization (3)
ARS401 Motion Design (3)
ARS402 Design for the Web II (3)
Required cognate course
. 3 credits
ARS230 Basic Digital Photography (3)
Studio electives (ARS and/or DDF courses)........... }9\mathrm{ credits
*ARS404, ARS407 and ARS408 comprise a capstone experience for Graphic Design majors.
Metal Major
Required program courses.
.27 credits
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)
Required cognate courses
.9 credits
DDF205 Computer-Aided Design I (3)
Any 200- or 300-level studio course, 2-dimensional (3)
Any 200- or 300-level studio course, 3-dimensional (3) - (Outside of Metal)
Studio electives
                                    15 credits
Painting Major
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Required program courses..................................... 33 credits
ARS240 Basic Painting (3)
ARS301 Thematic Drawing (3)
ARS303 Figure Drawing (3)
ARS305 Advanced Drawing (3)
ARS305 Advanced Drawing (3) OR ARS400 Drawing Projects (3)
ARS343 Intermediate Painting (3)
ARS343 Intermediate Painting (3) OR ARS344 Water Media/Collage (3) OR ARS345 Advanced
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)
Required cognate courses......................................6 credits
Any $200-$ or 300-level studio course, 2-dimensional (3) - (Outside of Painting/Drawing)
Any $200-$ or 300-level studio course, 3-dimensional (3)
Studio electives................................................................ $\mathbf{1 2}$ credits
Photography Major
Required program courses...................................... 33 credits
ARS230 Basic Digital Photography (3)*
ARS250 Basic Photography (3)*
ARS331 Photographic Books and Installations (3)**
ARS332 The Large Format Image (3)**
ARS333 Advanced Digital Color Photography (3)***
ARS334 Digital Video (3)**
ARS350 The Constructed Image (3)**
ARS450 The Document (3)**
ARS451 Contemporary Issues (3)**
ARS452 Senior Studio in Photography I (3)
ARS453 Senior Studio in Photography II (3)

* May not be repeated for credit.
** May be repeated for credit.
*** May be repeated with permission of instructor.
Required cognate courses....................................... 6 credits
ARS280 Basic Printmaking (3)
ARS307 Typography (3)
Studio electives...................................................... $12 ~ c r e d i t s ~$

Required program courses.

## 33 credits

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)
Required cognate courses.................................. 6 credits
Any 200- or 300-level studio course, 2-dimensional (3) - (Outside of Printmaking)
Any 200- or 300-level studio course, 3-dimensional (3)
Studio electives. 12 credits

Sculpture Major

## Required program courses. <br> .33 credits

ARS270 Basic Sculpture (3)
ARS302 Material Dialogues (3)
ARS304 Sonic Measures (3)
ARS312 New Media 3D + 4D (3)
ARS313 Sculpture Casting and Moldmaking (3)
ARS316 Sculpture Situations (3)
ARS320 Essential Electronics and Kinetics for Artists (3)
ARS375 Welding Fabrication and Concepts (3)
ARS419 Contemporary Ideas in Sculpture (3)
ARS471 Senior Studio in Sculpture I (3)
ARS472 Senior Studio in Sculpture II (3)
Required cognate courses. $\qquad$ 6 credits
Any 200- or 300-level studio course, 2-dimensional (3)
Any 200- or 300-level studio course, 3-dimensional (3) - (Outside of Sculpture)
Studio electives 12 credits

## 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 Studio Department Chair. The Art Studio Minor is available only to non-Art Studio Majors.

## Program Requirements

Successful completion of 18 credits from the following categories:
A. 3-6 Credits from the following courses

ARS 105 Introduction to Studio Art (3)
ARS110 Introduction to Ceramics (3)
ARS120 Introduction to Metal (3)
ARS140 Introduction to Painting (3)
ARS150 Introduction to Photography (3)
ARS160 Introduction to Printmaking (3)
ARS170 Introduction to Sculpture (3)
B. 3-6 Credits from the following courses

ARS102 Design: Color (3)
ARS103 Design: Form (3)
C. 6-12 Credits from the following courses

ARS100 Drawing: Visual Thinking I (3)
ARS101 Drawing: Visual Thinking II (3)
ARS205 Graphic Design (3)
ARS210 Basic Ceramics (3) *
ARS220 Basic Metal (3) *
ARS230 Basic Digital Photography (3) *
ARS240 Basic Painting (3) *
ARS250 Basic Photography (3) *
ARS260 Basic Wood Design (3) *
ARS270 Basic Sculpture (3) *
ARS280 Basic Printmaking (3) *

* 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 the chair after satisfactory completion of the basic course.

## Course Descriptions

ARS100 Drawing: Visual Thinking I (3)
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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Graphic Design (279), Visual Arts (277), Visual Arts Education (189)

## ARS101 Drawing: Visual Thinking II (3)

Drawing: Visual Thinking 2 will build conceptually on Drawing: Visual Thinking 1, but will place greater emphasis on experimental processes, independent problem solving, and the development of a personal vocabulary. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Graphic Design (279), Visual Arts (277), Visual Arts Education (189)
Prerequisites: ARS100 Minimum Grade of C

## ARS102 Design: Color (3)

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 Management Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Graphic Design (279), Visual Arts (277), Visual Arts Education (189)

## ARS103 Design: Form (3)

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: GE4: The Arts, GE3: ART, Effective Expression/Aesthetic
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Graphic Design (279), Visual Arts (277), Visual Arts Education (189)

ARS105 Intro to Studio Art (3; may be repeated for credit)
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: Liberal Arts, GE4: The Arts, GE3: ART, Effective Expression/Aesthetic, Performance
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in one of the following majors: Graphic Design (279), Visual Arts (277), Visual Arts Education (189)

## ARS110 Introduction to Ceramics (3)

Introduction to basic concepts, tools and methods to form, glaze, decorate and fire pottery and ceramics. FEE FOR MATERIALS.

Attributes: Liberal Arts, GE4: The Arts, GE3: ART, Effective Expression/Aesthetic, Performance Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in one of the following
majors: Graphic Design (279), Visual Arts (277), Visual Arts Education (189)

## ARS112 Art Seminar (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Metal (272), Painting (273), Graphic Design (279), Sculpture (275), Photography (276), Visual Arts (277), Ceramics (271), Printmaking (274)

## ARS113 Designed World (3)

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 be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

ARS120 Introduction to Metal (3; may be repeated for credit)
Introduction to the basic concepts, design and execution of jewelry and objects in a variety of metals requiring different techniques. FEE FOR MATERIALS.

Attributes: Liberal Arts, GE4: The Arts, GE3: ART, Effective Expression/Aesthetic, Performance Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in one of the following majors: Graphic Design (279), Visual Arts (277), Visual Arts Education (189)

ARS140 Introduction to Painting (3; may be repeated for credit)
Basic course in the use of materials and organizational concepts in painting (use of light, value and color).
Attributes: Liberal Arts, GE4: The Arts, GE3: ART, Effective Expression/Aesthetic, Performance Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in one of the following majors: Graphic Design (279), Visual Arts (277), Visual Arts Education (189)

ARS150 Introduction to Photography (3; may be repeated for credit)
Introduction to photographic concepts, camera use, process and techniques. May be darkroom or digital. Please check with instructor. FEE FOR MATERIALS.

Attributes: Liberal Arts, GE4: The Arts, GE3: ART, Effective Expression/Aesthetic, Performance
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in one of the following majors: Graphic Design (279), Visual Arts (277), Visual Arts Education (189)

ARS160 Introduction to Printmaking (3; may be repeated for credit) Survey of studio experience covering basic printmaking processes. FEE FOR MATERIALS.

[^16]ARS170 Introduction to Sculpture (3; may be repeated for credit)
Introduction to sculptural processes involving the use of tools, materials, fabrication techniques and organization of forms in space. FEE FOR MATERIALS.
Attributes: Liberal Arts, GE4: The Arts, GE3: ART, Effective Expression/Aesthetic, Performance
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in one of the following majors: Graphic Design (279), Visual Arts (277), Visual Arts Education (189)

ARS193 Art Studio Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Graphic Design (279), Visual Arts (277), Visual Arts Education (189)

## ARS205 Graphic Design (3)

An introduction to Graphic Design, technique, practice and theory. FEE FOR MATERIALS.
Attributes: Information Management Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in one of the following classes: Senior, Junior
Prerequisites: (ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C*) or (ARS100 Minimum Grade of C* and ARS102 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$ )
*May be taken at the same time

## ARS210 Basic Ceramics (3)

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.

Attributes: Critical Thinking Introductory, Information Management Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273)
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 $\mathrm{C}^{*}$ ) or (ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$ )
*May be taken at the same time

## ARS220 Basic Metal (3)

Introduction to the broad range of materials, techniques and formats characteristic of metal art. FEE FOR MATERIALS.

Attributes: Critical Thinking Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273)

Prerequisites: (ARS100 Minimum Grade of C* and ARS101 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS100 Minimum Grade of $C^{*}$ and ARS 102 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 $\mathrm{C}^{*}$ ) or (ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$ )
*May be taken at the same time

## ARS230 Basic Digital Photography (3)

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.

Attributes: Critical Thinking Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Senior
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 ARS 103 Minimum Grade of $\mathrm{C}^{*}$ ) 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

## ARS240 Basic Painting (3)

Introduction to the principal concepts, materials, and techniques of painting, with primary emphasis on painting from observation. FEE FOR MATERIALS.
Attributes: Critical Thinking Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273)
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 $\mathrm{C}^{*}$ ) or (ARS101 Minimum Grade of C* and ARS102 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS101 Minimum Grade of C* and ARS103 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$ )
*May be taken at the same time

## ARS250 Basic Photography (3)

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 must have a 35 mm camera. FEE FOR MATERIALS.

Attributes: Information Management Introductory


#### Abstract

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273) Prerequisites: (ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C*) or (ARS100 Minimum Grade of C* and ARS102 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS101 Minimum Grade of C* and ARS102 Minimum Grade of $\mathrm{C}^{*}$ ) 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


## ARS260 Basic Wood Design (3)

Exploration of the distinctive characteristics and artistic possibilities of wood, utilizing the techniques of shaping and joining. FEE FOR MATERIALS.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273)
Prerequisites: (ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C*) or (ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$ )
*May be taken at the same time

## ARS270 Basic Sculpture (3)

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.

Attributes: Critical Thinking Introductory, Information Management Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273)
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

## ARS280 Basic Printmaking (3)

Introduction to the printmaking processes in relief, intaglio, and lithograph. Historical development of each medium. FEE FOR MATERIALS.
Attributes: Critical Thinking Introductory, Information Management Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273)
Prerequisites: (ARS100 Minimum Grade of C* and ARS101 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS100 Minimum Grade of C* and ARS102 Minimum Grade of C*) or (ARS100 Minimum Grade of C* and ARS103 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$ )
*May be taken at the same time

ARS293 Art Studio Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273)

ARS295 Independent Study Art (1-12; may be repeated for credit)
Specific guidelines and required forms available in the Art Department office.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ARS299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273)

ARS301 Thematic Drawing (3; may be repeated for credit)
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 Management Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273)
Prerequisites: ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C* and ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$

* May be taken at the same time


## ARS302 Material Dialogues (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273)
Prerequisites: ARS270 Minimum Grade of $\mathrm{C}^{*}$ and ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS 102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$

* May be taken at the same time

ARS303 Figure Drawing (3; may be repeated for credit)
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 be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman

Prerequisites: ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C* and ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of C*

* May be taken at the same time


## ARS304 Sonic Measures (3)

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 be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman

Prerequisites: ARS270 Minimum Grade of $\mathrm{C}^{*}$ and ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS101 Minimum Grade of C* and ARS 102 Minimum Grade of $C^{*}$ and ARS103 Minimum Grade of C*

* May be taken at the same time

ARS305 Advanced Drawing (3; may be repeated for credit)
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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class:
Freshman
Prerequisites: ARS301 Minimum Grade of C or ARS303 Minimum Grade of C

## ARS306 Visible Systems (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274),
Sculpture (275), Photography (276), Visual Arts (277), Painting (273); Must be enrolled in the following class: Sophomore
Prerequisites: ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C* and (ARS102 Minimum Grade of C* or ARS103 Minimum Grade of C*)

* May be taken at the same time

ARS307 Typography (3)
Covers technical, formal, and expressive aspects of type, the designer's primary vehicle for visual communications. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); Must be enrolled in the following class: Sophomore
Prerequisites: ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS101 Minimum Grade of $\mathrm{C}^{*}$ and (ARS102 Minimum Grade of C* or ARS103 Minimum Grade of C*)

* May be taken at the same time


## ARS308 Type \& Image (3)

Techniques and strategies for combining text with photographic images to create resonant, clear and potent communications. FEE FOR MATERIALS.
Attributes: Information Management Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); Must be enrolled in the following class: Sophomore
Prerequisites: (ARS205 Minimum Grade of B- and ARS307 Minimum Grade of B-*)

* May be taken at the same time

ARS309 Printed Books (3; may be repeated for credit)
A hands-on involvement in producing books that contain sustained texts. Topics include book structures, sequential readings, materials and meanings, etc. FEE FOR MATERIALS.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Graphic Design (279); May not be enrolled in the following class: Freshman
Prerequisites: (ARS205 Minimum Grade of B- and ARS306 Minimum Grade of B- and ARS307 Minimum Grade of B- and ARS308 Minimum Grade of B-)

ARS310 Visual Language I (3; may be repeated for credit)
An in-depth inquiry into a particular aspect of visual language. Topics vary each time the course is offered. May be repeated for credit. FEE FOR MATERIALS.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in one of the following classes: Senior, Freshman
Prerequisites: (ARS205 Minimum Grade of B- and ARS306 Minimum Grade of B- and ARS307 Minimum Grade of B-)

## ARS312 New Media 3D + 4D (3)

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.

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## ARS313 Sculpture Casting \& Moldmaking (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C* and ARS102 Minimum Grade of C* and ARS103 Minimum Grade of C* and ARS270 Minimum Grade of C

* May be taken at the same time

ARS314 Ceramic Materials (3; may be repeated for credit)
Exploration and research with the nature and methodology of the materials used in ceramics. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: (ARS210 Minimum Grade of C or ARS325 Minimum Grade of C) and ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$

* May be taken at the same time

ARS316 Sculpture Situations (3; may be repeated for credit)
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. This course may be repeated for credit. FEE FOR MATERIALS.

Attributes: Critical Thinking Intermediate
Restrictions: Must be enrolled in one of the following majors: Sculpture (275), Visual Arts (277), Visual Arts Education (189); May not be enrolled in the following class: Freshman
Prerequisites: ARS100 Minimum Grade of C and ARS101 Minimum Grade of C and ARS102 Minimum Grade of C and ARS103 Minimum Grade of C and ARS270 Minimum Grade of C

ARS318 Ceramic Sculpture (3; may be repeated for credit)
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 be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273)

Prerequisites: ARS210 Minimum Grade of C and ARS270 Minimum Grade of C and ARS315 Minimum Grade of C
ARS320 Essential Electronics and Kinetics for Artists (3; may be repeated for credit)
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. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: (ARS100 Minimum Grade of C and ARS101 Minimum Grade of C and ARS102 Minimum Grade of C and ARS103 Minimum Grade of C and ARS270 Minimum Grade of C)

ARS321 Construction and Fabrication (3; may be repeated for credit)
Methods related to building with sheet metal; soldering and welding techniques, as well as mechanical connections. FEE FOR MATERIALS.

Attributes: Information Management Introductory
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Metal (272), Visual Arts (277), Visual Arts Education (189); May not be enrolled in the following class: Freshman
Prerequisites: ARS220 Minimum Grade of C and ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$

* May be taken at the same time

ARS322 Processes and Experimental Techniques I (3; may be repeated for credit) Exploration of non-traditional metal techniques, including electroforming and surface treatments. FEE FOR MATERIALS.

Attributes: Critical Thinking Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Metal (272), Visual Arts (277), Visual Arts Education (189)
Prerequisites: (ARS100 Minimum Grade of C and ARS101 Minimum Grade of C and ARS102 Minimum Grade of C and ARS103 Minimum Grade of C and ARS220 Minimum Grade of C)

ARS323 Processes and Experimental Techniques II (3; may be repeated for credit) Continuation of ARS322. Advanced level study involving casting and mold making. May be repeated for credit. FEE FOR MATERIALS.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: 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) and ARS100 Minimum Grade of C and ARS101 Minimum Grade of C and ARS102 Minimum Grade of C and ARS103 Minimum Grade of C

* May be taken at the same time

ARS324 Enameling (3; may be repeated for credit)
The study of various enameling processes and formats including: Limoges, Champlevé, Cloisonné, and Basse-taille methods. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Metal (272), Visual Arts (277), Visual Arts Education (189); May not be enrolled in the following class: Freshman
Prerequisites: (ARS220 Minimum Grade of C* and ARS321 Minimum Grade of C* and ARS322 Minimum Grade
of $\mathrm{C}^{*}$ ) or (ARS220 Minimum Grade of $\mathrm{C}^{*}$ and ARS321 Minimum Grade of $\mathrm{C}^{*}$ and ARS323 Minimum Grade of $C^{*}$ ) or (ARS220 Minimum Grade of $C^{*}$ and ARS321 Minimum Grade of C* and ARS326 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS220 Minimum Grade of C* and ARS322 Minimum Grade of $C^{*}$ and ARS323 Minimum Grade of $C^{*}$ ) or (ARS220 Minimum Grade of $\mathrm{C}^{*}$ and ARS322 Minimum Grade of $\mathrm{C}^{*}$ and ARS326 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS220 Minimum Grade of C* and ARS323 Minimum Grade of $\mathrm{C}^{*}$ and ARS326 Minimum Grade of $\mathrm{C}^{*}$ )

* May be taken at the same time

ARS325 Ceramics Processes and Techniques 1 (3; may be repeated for credit)
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. FEE FOR MATERIALS.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Visual Arts Education (189), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS210 Minimum Grade of C and ARS100 Minimum Grade of C and ARS101 Minimum Grade of C and ARS102 Minimum Grade of C and ARS103 Minimum Grade of C

ARS326 Metal Forming (3; may be repeated for credit)
The use and application of metal forming techniques; including raising, forging, and dieforming. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Metal (272), Visual Arts (277), Visual Arts Education (189); May not be enrolled in the following class: Freshman
Prerequisites: ARS220 Minimum Grade of C and ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$

* May be taken at the same time


## ARS327 Ceramics Processes and Techniques II (3; may be repeated for credit)

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. FEE FOR MATERIALS.
Restrictions: : Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Ceramics (271), Painting (273), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Visual Arts Education (189), Metal (272); May not be enrolled in the following class: Freshman
Prerequisites: ARS210 Minimum Grade of C and ARS325 Minimum Grade of C and ARS100 Minimum Grade of C and ARS101 Minimum Grade of C and ARS102 Minimum Grade of C and ARS103 Minimum Grade of C

ARS328 Artist Survival Skills (3; may be repeated for credit)
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 majors: Ceramics (271), Painting (273), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Visual Arts Education (189), Metal (272); Must be enrolled in one of the following classifications: Junior, Senior

## ARS329 Design Research (3)

Design Research introduces basic strategies in research for graphic designers, including literature reviews, surveys and questionnaires, focus groups, photo ethnography, visual anthropology, observational research and the use of personas.
Attributes: Critical Thinking Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Graphic Design (279); May not be enrolled in the following class: Freshman
Prerequisites: (ARS205 Minimum Grade of B- and ARS306 Minimum Grade of B- and ARS307 Minimum Grade of B- and ARS308 Minimum Grade of B-)

## ARS330 Wheel Throwing 1 (3)

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. FEE FOR MATERIALS.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Visual Arts Education (189), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS210 Minimum Grade of C and ARS100 Minimum Grade of C and ARS101 Minimum Grade of C and ARS102 Minimum Grade of C and ARS103 Minimum Grade of C

ARS331 Photo Books and Installations (3; may be repeated for credit)
This course investigates photographs in relation to larger contexts and explores private and public space through juxtaposition, sequence and site. Projects utilize a variety of photographic and mixed media techniques in the production of artists' books and installations. Students are challenged to work conceptually and take initiative in developing individual work. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: (ARS230 Minimum Grade of C or ARS250 Minimum Grade of C) and ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$

* May be taken at the same time

ARS332 The Large Format Image (3; may be repeated for credit)
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. FEE FOR MATERIALS.

Attributes: Critical Thinking Intermediate

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS250 Minimum Grade of C and ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C* and ARS102 Minimum Grade of C* and ARS103 Minimum Grade of C*

* May be taken at the same time

ARS333 Advanced Digital Color Photography (3; may be repeated for credit)
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. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Photography (276), Visual Arts (277), Visual Arts Education (189) ; May not be enrolled in the following class: Freshman
Prerequisites: ARS230 Minimum Grade of C and ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$

* May be taken at the same time

ARS334 Digital Video (3; may be repeated for credit)
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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS230 Minimum Grade of C and ARS100 Minimum Grade of C* and ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of C* and ARS103 Minimum Grade of C*

* May be taken at the same time


## ARS335 Design for the Web (3)

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 problemsolving and user-centered design.
Restrictions: Must be enrolled in one of the following majors: Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Visual Arts Education (189), Painting (273) May not be enrolled in one of the following classes: Senior, Freshman

Prerequisites: ARS205 Minimum Grade of B- and ARS306 Minimum Grade of B- and ARS307 Minimum Grade of B-
ARS336 Wheel Throwing II (3; may be repeated for credit)
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. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Visual Arts Education (189), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS210 Minimum Grade of C and ARS330 Minimum Grade of C and ARS100 Minimum Grade of C and ARS101 Minimum Grade of C and ARS102 Minimum Grade of C and ARS103 Minimum Grade of C

ARS343 Intermediate Painting (3; may be repeated for credit)
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. FEE FOR MATERIALS.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Visual Arts Education (189), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS240 Minimum Grade of C and ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS101 Minimum Grade of C* and ARS102 Minimum Grade of C* and ARS103 Minimum Grade of C*

* May be taken at the same time

ARS344 Water Media/Collage (3; may be repeated for credit)
Watercolor, inks, gouache, polymers, and/or collage materials may be explored separately or in combination, using a variety of subject matter. FEE FOR MATERIALS.
Attributes: Critical Thinking Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS240 Minimum Grade of C and ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C* and ARS102 Minimum Grade of $C^{*}$ and ARS103 Minimum Grade of C*

* May be taken at the same time

ARS345 Advanced Painting (3; may be repeated for credit)
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. FEE FOR MATERIALS.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273) ; May not be enrolled in the following class: Freshman
Prerequisites: ARS240 Minimum Grade of C and ARS343 Minimum Grade of C*

* May be taken at the same time

ARS346 Digital Painting Lab (3; may be repeated for credit)
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.


#### Abstract

Attributes: Information Management Intermediate Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course. Prerequisites: ARS240 Minimum Grade of C and ARS343 Minimum Grade of C* * May be taken at the same time


ARS350 The Constructed Image (3; may be repeated for credit) 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. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273) ; May not be enrolled in the following class: Freshman
Prerequisites: ARS230 Minimum Grade of C and ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C* and ARS102 Minimum Grade of C* and ARS103 Minimum Grade of C*

* May be taken at the same time

ARS361 Wood Design and Techniques (3; may be repeated for credit)
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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273) ; May not be enrolled in the following class: Freshman
Prerequisites: ARS260 Minimum Grade of C and ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$

* May be taken at the same time


## ARS370 Book Arts (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274),
Sculpture (275), Photography (276), Visual Arts (277), Painting (273) ; May not be enrolled in the following class: Freshman
Prerequisites: ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C* and ARS102 Minimum Grade of C* and ARS103 Minimum Grade of C*

* May be taken at the same time


## ARS371 Data Visualization (3)

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<br>Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following fields of study (major, minor or concentration): Graphic Design (279), Visual Arts (277), Digital Media Management (552), Digital Media Production (551), Psychology (539); Must be enrolled in one of the following classes: Senior, Junior; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course.<br>Prerequisites: ARS306 Minimum Grade of C

ARS375 Welding Fabrication \& Concepts (3; may be repeated for credit)
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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Visual Arts Education (189), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS270 Minimum Grade of C and ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C* and ARS102 Minimum Grade of C* and ARS103 Minimum Grade of C*

* May be taken at the same time

ARS380 Photo Silkscreen (3; may be repeated for credit)
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. FEE FOR MATERIALS.

Attributes: Critical Thinking Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Visual Arts Education (189), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS280 Minimum Grade of C and ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C* and ARS102 Minimum Grade of C* and ARS103 Minimum Grade of C*

* May be taken at the same time

ARS381 Monotype Printmaking (3; may be repeated for credit)
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. FEE FOR MATERIALS.

Attributes: Information Management Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman

Prerequisites: ARS280 Minimum Grade of C and ARS100 Minimum Grade of C* and ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$

* May be taken at the same time

ARS382 Media-Intervention (3; may be repeated for credit)
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. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS280 Minimum Grade of C and ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C* and ARS102 Minimum Grade of C* and ARS103 Minimum Grade of C*

* May be taken at the same time

ARS385 Printmaking - Lithography (3; may be repeated for credit)
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. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS280 Minimum Grade of C and ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C* and ARS102 Minimum Grade of C* and ARS103 Minimum Grade of C*

* May be taken at the same time

ARS386 Printmaking - Intaglio (3; may be repeated for credit)
This course begins with a brief introduction/review of basic etching and dry point techniques, followed by advanced applications. FEE FOR MATERIALS.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS280 Minimum Grade of C and ARS100 Minimum Grade of C and ARS101 Minimum Grade of C and ARS102 Minimum Grade of C and ARS103 Minimum Grade of C

ARS387 Papermaking (3; may be repeated for credit)
Hand-papermaking techniques for the creating of two and three-dimensional works. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class:

Freshman
Prerequisites: ARS280 Minimum Grade of C

ARS393 Art Studio Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman

ARS399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman

ARS400 Drawing Projects (3; may be repeated for credit)
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. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS301 Minimum Grade of C and ARS100 Minimum Grade of C and ARS101 Minimum Grade of C and ARS102 Minimum Grade of C and ARS103 Minimum Grade of C

## ARS401 Motion Design (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following fields of study (major, minor or concentration): Graphic Design (279); Must be enrolled in one of the following classes: Senior, Junior
Prerequisites: ARS306 Minimum Grade of B- and ARS307 Minimum Grade of B-

## ARS402 Design for the Web II (3)

Advanced topics and professional practices in web design, programming, and development.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following fields of study (major, minor or concentration): Graphic Design (279); Must be enrolled in one of the following classes: Senior, Junior; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: ARS335 Minimum Grade of B- and ARS306 Minimum Grade of B-

ARS403 Contemporary Ideas in Painting (3; may be repeated for credit)
Advanced-level studio work coupled with seminar on contemporary issues in the field. Senior Studio preparation.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS240 Minimum Grade of C and ARS100 Minimum Grade of C* and ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$

* May be taken at the same time


## ARS404 Graphic Design Application (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Graphic Design (279); Must be enrolled in one of the following classes: Senior
Prerequisites: ARS407 Minimum Grade of B-
Corequisites: ARS408

## ARS405 Design Theory and Criticism (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Graphic Design (279); May not be enrolled in one of the following classes: Sophomore, Freshman 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-)

ARS406 Interaction Design (3; may be repeated for credit)
Explores issues related to interface design, motion design, \& interactive media. Studio based, students produce design artifacts relating to the above. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Graphic Design (279); May not be enrolled in one of the following classes: Sophomore, Freshman
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-)

## ARS407 Graphic Design Thesis I (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Graphic Design (279); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## ARS408 Graphic Design Thesis II (3)

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 Management Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Graphic Design (279); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course
Prerequisites: ARS407 Minimum Grade of B-
Corequisite: ARS404

## ARS411 Senior Studio in Ceramics I (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Ceramics (271); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## ARS412 Senior Studio in Ceramics II (3)

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 Management Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Ceramics (271); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## ARS414 Ceramics Seminar (3)

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: Liberal Arts; Information Management Intermediate

Restrictions: Must be enrolled in 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 enrolled in the following class: Freshman
Prerequisites: ARH201 Minimum Grade of C- and ARH202 Minimum Grade of C- and 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)

## ARS416 Ceramic Design and Product Laboratory (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Ceramics (271); May not be enrolled in the following class: Freshman
Prerequisites: ARS314 Minimum Grade of C
ARS419 Contemporary Ideas in Sculpture (3; may be repeated for credit)
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 majors: Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Visual Arts Education (189), Painting (273); Must be enrolled in one of the following classifications: Senior, Junior

Prerequisites: ARS100 Minimum Grade of C and ARS101 Minimum Grade of C and ARS102 Minimum Grade of C and ARS103 Minimum Grade of C and ARS270 Minimum Grade of C

ARS420 Contemporary Ideas in Metal (3; may be repeated for credit)
Investigation of specific issues and ideas in metal. Critical evaluation of student's work in contemporary culture; Senior Studio preparation. FEE FOR MATERIALS.

Attributes: Liberal Arts; Information Management Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Metal (272); May not be enrolled in the following class: Freshman
Prerequisites: (ARS220 Minimum Grade of $\mathrm{C}^{*}$ and ARS321 Minimum Grade of $\mathrm{C}^{*}$ and ARS322 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS220 Minimum Grade of $\mathrm{C}^{*}$ and ARS321 Minimum Grade of $\mathrm{C}^{*}$ and ARS323 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS220 Minimum Grade of $\mathrm{C}^{*}$ and ARS321 Minimum Grade of $\mathrm{C}^{*}$ and ARS326 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS220 Minimum Grade of $\mathrm{C}^{*}$ and ARS322 Minimum Grade of $\mathrm{C}^{*}$ and ARS323 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS220 Minimum Grade of $\mathrm{C}^{*}$ and ARS322 Minimum Grade of $\mathrm{C}^{*}$ and ARS326 Minimum Grade of $\mathrm{C}^{*}$ ) or (ARS220 Minimum Grade of C* and ARS323 Minimum Grade of $\mathrm{C}^{*}$ and ARS326 Minimum Grade of C*)

* May be taken at the same time


## ARS421 Senior Studio in Metal I (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Metal (272); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: ARS420 Minimum Grade of C*

* May be taken at the same time


## ARS422 Senior Studio in Metal II (3)

Student researches and creates a major body of work for exhibition which is reviewed by the metal faculty. FEE FOR MATERIALS.

Attributes: Information Management Advanced

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Metal (272); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: ARS421 Minimum Grade of C

## ARS441 Senior Studio in Painting I (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Painting (273); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## ARS442 Senior Studio in Painting II (3)

Independent thesis study. Senior student prepares a body of work, independent of any other course work for exhibition. FEE FOR MATERIALS.

Attributes: Information Management Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Painting (273); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ARS450 The Document (3; may be repeated for credit)
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. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS230 Minimum Grade of C and ARS250 Minimum Grade of C and ARS100 Minimum Grade of $\mathrm{C}^{*}$ and ARS101 Minimum Grade of $\mathrm{C}^{*}$ and ARS102 Minimum Grade of $\mathrm{C}^{*}$ and ARS103 Minimum Grade of $\mathrm{C}^{*}$

* May be taken at the same time

ARS451 Contemporary Issues (3; may be repeated for credit)
This course explores significant contemporary issues and critical viewpoints in photography. While specific content may vary, some topics might include the roles photography plays in politics and activism, advertising and consumerism, ethnic and sexual identity, and the documentation of family and personal life. The course is structured around readings, discussion and development of a major individual photograph project. FEE FOR MATERIALS.

Attributes: Information Management Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman
Prerequisites: ARS230 Minimum Grade of C and ARS250 Minimum Grade of C and ARS333 Minimum Grade of

C and ARS100 Minimum Grade of C* and ARS101 Minimum Grade of C* and ARS102 Minimum Grade of C* and ARS103 Minimum Grade of C*

* May be taken at the same time


## ARS452 Senior Studio in Photography I (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Photography (276); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## ARS453 Senior Studio in Photography II (3)

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 Management Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Photography (276); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## ARS471 Senior Studio in Sculpture I (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Sculpture (275); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## ARS472 Senior Studio in Sculpture II (3)

Independent thesis study. Senior student prepares a body of work, independent of any other course work, for exhibition. FEE FOR MATERIALS.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Sculpture (275); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## ARS480 Senior Studio in Printmaking I (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Printmaking (274); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## ARS481 Senior Studio in Printmaking II (3)

Independent thesis study. Senior student prepares a body of work, independent of any other course work, for exhibition. FEE FOR MATERIALS.

Attributes: Information Management Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Printmaking (274); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## ARS490 BFA Seminar (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Ceramics (271), Painting (273); Must be enrolled in the following class: Senior

## ARS491 Creative Art Projects: BA/BS (3)

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: Liberal Arts, Writing Intensive, Critical Thinking Advanced, Information Management Advanced Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Visual Arts (277); Must be enrolled in the following class: Senior

ARS493 Art Studio Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Visual Arts Education (189), Painting (273); May not be enrolled in the following class: Freshman

ARS494 Fieldwork In Art (1-12; may be repeated for credit)
Specific guidelines and required forms available in the Art Department office.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Visual Arts Education (189), Painting (273); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ARS495 Independent Study Art (1-12; may be repeated for credit)
Specific guidelines and required forms available in the Art Department office.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276),

Visual Arts (277), Visual Arts Education (189), Painting (273); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

ARS499 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman

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## Art Education

Phone: (845) 257-3850
Location: Smiley Art Building Room 108-A
Web Address: www.newpaltz.edu/arted
The undergraduate Art Education program leads to the Bachelor of Science degree in Visual Arts Education. The curriculum plan includes courses in Studio Art, Art Criticism, Art History, Art Education, and General Education. 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.

Upon successful completion of the baccalaureate program, students are eligible for New York State initial certification to teach art in the public schools. (For additional information about student teaching and certification, see the catalog pages for Early Childhood \& Childhood Education and Adolescence Education.)

## Major in Visual Arts Education (B.S.) - 84 credits

Required Foundation courses 18 credits
ARS100 Drawing: Visual Thinking I (3)
ARS101 Drawing: Visual Thinking II (3)
ARS102 Design: Color (3)
ARS103 Design: Form (3)
plus:
ARH201 Art of the Western World I (3)
ARH202 Art of the Western World II (3)
Required Art Education courses. $\qquad$ .18 credits
ARE200 Art Criticism (3) or ARS112 Art Seminar (3)
ARE300 Contemporary Approaches Art Ed (3)
ARE302 Curriculum \& Instruction (3)
ARE303 Theory \& Practice (4)
ARE305 Disability Studies in Art Education (3) or SPE350 Creating Inclusive Elementary
School Classrooms (3) or SPE385 Differentiating Instruction in the Secondary School (3)
ARE390 Fieldwork in Art Education I (1)
ARE391 Fieldwork in Art Education II (1)
Required Educational Studies courses $\qquad$ 6 credits
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 \& Philosophical Foundations of Education (3)
and
EDS372 Developing Adolescence (3) or EDS371 Child Psychology \& Development (3)
Upper-division Art History requirement. 6 credits
By advisement, each major candidate must take two upper-division Art History courses, one in non-Western art and one in contemporary art.

## Basic Art Studio or Art Education courses....... 15 credits

ARE316 Learning in Digital Visual Cultures (3)
plus:
Four (4) additional ARS or ARE courses demonstrating breadth of two-dimensional and threedimensional processes, selected under advisement by Art Education faculty.

## Upper-division Art Studio courses. .9 credits

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).

Student teaching. $\qquad$ .12 credits
ARE405 Student Teaching in Art Pre-K-6 (6)
ARE406 Student Teaching in Art 7-12 (6)

## OTHER REQUIREMENTS:

- A grade of B- or better is required in all Art Education (ARE) courses.
- Each major candidate must complete a minimum of 45 upper-division credits.
- To obtain NYS teacher certification through the New Paltz Art Education program, students must complete two semesters of a language other than English. Students with no previous language study must complete a two-semester sequence in a language ( 6 credits, 101 and 102); students who can be placed at an intermediate or advanced level must complete one course ( 3 credits, 201 or higher).


## 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.

## Course Descriptions

## ARE200 Art Criticism (3)

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: GE3: ART, Effective Expression/Written, Information Literacy, Liberal Arts, Research, Writing Intensive
Prerequisites: ENG180 Minimum Grade of C or ENG206 Minimum Grade of C or ENG207 Minimum Grade of C

## ARE217 Integrating Art in the Non-Art Classroom (3)

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: GE3: ART, Effective Expression/Written, Research
Restrictions: Must be enrolled in the following level: Undergraduate
ARE293 Art Ed Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

## ARE295 Indep Study Art Ed

No description is available for this course.
Restrictions: Must be enrolled in the following major: Visual Arts Education (189); Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## ARE296 Departmental Elective

No description is available for this course.
ARE299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

## ARE300 Contemporary Approaches Art Education (3)

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: Liberal Arts; Writing Intensive<br>Restrictions: Must be enrolled in the following major: Visual Arts Education (189); May not be enrolled in one of the following classes: Sophomore, Freshman<br>Prerequisites: ARS100 Minimum Grade of C- and ARS101 Minimum Grade of C and ARS102 Minimum Grade of C and ARS103 Minimum Grade of C*<br>Corequisite: ARE390<br>*May be taken at the same time

## ARE302 Curriculum and Instruction (3)

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. COURSE FEE.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Visual Arts Education (189); May not be enrolled in the following class: Freshman
Prerequisites: ARE300 Minimum Grade of B-
Corequisite: ARE391

## ARE303 Theory and Practice (4)

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
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Visual Arts Education (189); May not be enrolled in the following class: Freshman
Prerequisites: ARE302 Minimum Grade of B- and ARE391 Minimum Grade of S

## ARE305 Disability Studies in Art Education (3)

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. COURSE FEE.

Attributes: Research
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Visual Arts Education (189); May not be enrolled in the following class: Freshman

## ARE308 Art of Necessity (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Visual Arts Education (189); May not be enrolled in the following class: Freshman

## ARE316 Learning in Digital Visual Cultures (3)

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: Research; Service Learning
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of 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 enrolled in the following class: Freshman

## ARE390 Fieldwork in Art Education I (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Visual Arts Education (189); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: ARS100 Minimum Grade of C and ARS101 Minimum Grade of C and ARS102 Minimum Grade of C and ARS103 Minimum Grade of C*
Corequisites: ARE300

* May be taken at the same time


## ARE391 Fieldwork in Art Education II (1)

Through assisting art 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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Visual Arts Education (189); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: ARE390 Minimum Grade of S
Corequisites: ARE302

## ARE392 Fieldwork in Art Education III (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Visual Arts Education (189); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: ARE391
Corequisites: ARE303
ARE393 Art Education Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARE396 Departmental Elective

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

ARE399 Modular Course (1-3; may be repeated for credit) No description is available for this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARE405 Student Teaching in Art Pre-K-6 (6)

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.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Visual Arts Education (189); May not be enrolled in the following class: Freshman; Students cannot elect the

Satisfactory/Unsatisfactory grade option for this course
Prerequisites: ARE303 Minimum Grade of B-

## ARE406 Student Teaching in Art 7-12 (6)

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.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Visual Arts Education (189); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: ARE303 Minimum Grade of B-
ARE493 Art Education Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman

## ARE494 Fieldwork in Art Education

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Visual Arts Education (189); May not be enrolled in the following class: Freshman

## ARE495 Indep Study Art Education

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Visual Arts Education (189); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## Faculty

## Kantrowitz, Andrea

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## Art History

Phone: (845) 257-3875
Location: Smiley Arts Building, Room 108
Web address: www.newpaltz.edu/arthistory

## Major in Art History (36 credits)

Required courses...................................... 9 credits
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)
Electives
.27 credits
Each major candidate must complete at least one course in each of the following six areas:

1. Ancient art
2. Medieval art
3. Renaissance or Baroque art
4. Eighteenth- or Nineteenth-Century art
5. Twentieth-Century art
6. Asian art

Grades below C- will not be counted towards the major.
Introduction to the Visual Arts (ARH200) does not count towards the major.

## Minor in Art History (21 credits)

These 21 credits may be distributed over a broad spectrum of art history courses through advisement, or may be a concentration of courses in one or more areas that relate to the student's major field and career goals. The required seven Art History courses must include at least four upper-division Art History courses and at least three art history courses not already used to satisfy the requirements of the student's major.

## Interdisciplinary Minor in Film \& Video Studies (18-21 credits)

In addition to the art history minor, the Departments of Art History and Communication \& Media (College of Liberal Arts \& Sciences) offer an interdisciplinary minor in Film \& Video

Studies (18-21 credits). This program provides students with an opportunity to familiarize themselves with reading the art of cinema as cultural critics, while having the option to learn the basics of screenwriting and production. For more information, please contact Beth Wilson, the Department of Art History's co-coordinator of Film \& Video Studies, at (845) 257-3896 or wilsonb@newpaltz.edu.

## 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 college of 3.0 or above, an average in Art History course work at the college 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 and ARH462, Honors Thesis in Art History I and II (three credits each). Credit for ARH461 will not be allowed unless ARH462 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 and ARH462 - will result in the student graduating with honors in Art History, a distinction that will appear on the college transcript.

Questions regarding this Honors Program should be directed to the chair of the Art History Department.

## Course Descriptions

## ARH200 Introduction to the Visual Arts (3)

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, Effective Expression/Aesthetic, Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## ARH201 Art of the Western World I (3)

Introductory survey of the history of Western art from the Old Kingdom of Egypt to the end of the Middle Ages.

Attributes: GE3: ART, Effective Expression/Aesthetic, Liberal Arts

## ARH202 Art of the Western World II (3)

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, Effective Expression/Aesthetic, Liberal Arts

## ARH207 Film Aesthetics and Criticism I (3)

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

## ARH208 Film Aesthetics and Criticism II (3)

Continuation of ARH207. Works of selected film critics. Film showing at each class.

Attributes: Liberal Arts
ARH293 Art Hist Select Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts

## ARH295 Independent Study Art History

No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## ARH296 Departmental Elective

No description is available for this course.

## ARH340 The Arts of Early China (3)

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: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH341 The Arts of Later China (3)

Survey of Chinese Art from the tenth century to the present including landscape painting, literati painting, garden art, calligraphy, and ceramics.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman

## ARH342 The Arts of Japan (3)

Survey of Japanese art from Neolithic times to the nineteenth century. Wide range of media, including ceramics, sculpture, painting, architecture, and calligraphy.

Attributes: Effective Expression/Aesthetic, Liberal Arts, GE3: WRLD
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH343 Japanese Arts of the Edo Period (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH344 History of Buddhist Art (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH345 Art in Modern China

Examination of the many artistic roads and philosophical solutions that have been explored in the Chinese art world, and of the astonishng changes this world has undergone, between the mid 19th and early 21 st century.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH348 History of Film (3)

Survey of film history from its invention in the late $19^{\text {th }}$ 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 standing or greater.

Attributes: GE3: ART, Effective Expression/Aesthetic, Effective Expression/Written, Liberal Arts Restrictions: May not be enrolled in the following class: Freshman

## ARH354 Nature \& Science in 19 $^{\text {th }}$-Century American Art (3)

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 in art.

Attributes: Liberal Arts

## ARH355 African-American Art of the Twentieth Century (3)

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: May not be enrolled in the following class: Freshman

## ARH355 African-American Art of the Twentieth Century

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH356 Architecture of New York City (3)

The architectural history of the five boroughs from the earliest Dutch buildings of the seventeenth century to the most recent skyscrapers.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH358 Modern Art, 1900-1970 (3)

Major artists and artistic movements, primarily in Europe and the U.S., from the beginning of the twentieth century to 1970.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH359 Contemporary Art, 1970 to the Present

Theory and criticism of developments in art since 1970, including earthworks, feminist art, public art, collaboration, and internationalism.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH361 Art of the Renaissance in Italy (3)

Architecture, sculpture and painting in Italy during the fifteenth and sixteenth centuries, with emphasis upon the Early and High Renaissance.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman

## ARH362 Northern European Painting from Van Eyck to Bruegel (3)

Religious and secular painting in the Low Countries, France and Germany during the fifteenth and sixteenth centuries.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH363 Early Medieval Art (3)

European art from the fall of the Roman Empire through the barbarian invasions and Carolingian Revival to the end of the Romanesque period.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH364 Later Medieval Art: Gothic (3)

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: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH365 Early Greek Art (3)

Greek art from ca. 900 B.C. to the end of the Archaic period.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

ARH366 Later Greek Art (3)
Focus on the art of the Classical and Hellenistic periods, fifth to first centuries B.C.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH367 The Art of Ancient Rome (3)

The art and architecture of the Roman Republic and Empire from the first century B.C. to the fourth century A.D.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH368 History of Photography (3)

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: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH369 History of Modern Design (3)

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: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH370 Art of the Hudson Valley (3)

Survey of painting and architecture in the Hudson Valley from the Colonial period to 1940; some references to sculpture and the decorative arts.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH371 Introduction to Nineteenth-Century Architecture (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH372 Introduction to Twentieth-Century Architecture (3)

The development of new forms before World War II by theorists such as Wright, Gropius, Mies, and LeCorbusier. The dissemination of these ideas, especially in America, during the 1950's. The antiformalist reaction of the 1960's. Contemporary Post-Modernism and eclecticism.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH375 History of Decorative Arts (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH378 Sacred Spaces, Divine Images (3)

The visual and philosophical dimension of Indian art and architecture. Emphasis on the crossfertilization of Hindu and Islamic traditions.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH381 Arts of Asia II: The Continuing Tradition (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH382 American Art (3)

American architecture, painting, and sculpture from the Colonial period to the present.

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## ARH384 Art of the Nineteenth Century (3)

Major directions in European art such as Neoclassicism, Romanticism, Academic Art, the PreRaphaelites, Realism, and Impressionism.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH386 Art of Ancient Egypt (3)

Development of Egyptian art from the Pre-Dynastic Era through the end of the Late Period.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH387 Art of the Islamic World (3)

A survey of Islamic art in Persia, Syria, Egypt, North Africa, Spain, and India.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH388 Intro. to the Native Arts of Africa, Oceania and No. America (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH390 Italian Renaissance Painting (3)

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: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH391 Baroque Painting (3)

The development of the national schools of painting in Italy, the Low Countries, Spain, France, and England in the seventeenth and eighteenth centuries.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

ARH393 Art History Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## ARH396 Departmental Elective

No description is available for this course.
ARH399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

## ARH401 Art of the Ancient Near East (3)

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: May not be enrolled in the following class: Freshman

## ARH442 Eighteenth-Century Arts (3)

The era from Louis XIV to Napoleon in painting, sculpture, architecture, and the decorative arts.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

## ARH444 Impressionism and Post-Impressionism (3)

Covers development of art in late nineteenth century France and various approaches represented by Monet, Renoir, Degas, Morisot, and others. Avant-garde movements in the wake of Impressionism includes discussion of Seurat, van Gogh, Gauguin, and Cezanne.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

## ARH446 Surrealism (3)

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.

Restrictions: May not be enrolled in the following class: Freshman

## ARH451 Introduction to Museum Studies (3)

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: Liberal Arts, Research
Restrictions: May not be enrolled in the following class: Freshman

## ARH452 Chinese Painting: Figure in Landscapes

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: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

## ARH456 Art History: Theories and Approaches (3)

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: Liberal Arts, Research, Writing Intensive
Restrictions: May 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-

## ARH461 Honors Thesis in Art History I (3)

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: May not be enrolled in the following class: Freshman

## ARH462 Honors Thesis in Art History II (3)

Continuation of ARH461.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: ARH461
ARH493 Art History Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

# ARH494 Fieldwork In Art History (3) 

No description is available for this course.

Restrictions: May not be enrolled in the following class: Freshman

## ARH495 Indep Study Art History (1)

No description is available for this course.

Restrictions: May not be enrolled in the following class: Freshman

## Faculty

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## Music

Phone: (845) 257-2700/2701
Location: College Hall G, Room 100
Web: 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.

The department offers Bachelor of Arts and Bachelor of Science degrees in Music, with concentrations in Classical Performance, Jazz Performance, and Recording \& Electronic Music, as well as a general music program with broad elective offerings in music genres and history, classical and jazz performance, recording and electronic music, music therapy, and composition. 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 also available. In graduate studies, we offer an acclaimed
M.S. in Music Therapy. SUNY New Paltz is fully accredited by the National Association of Schools of Music (NASM).

We invite you to explore all that our department has to offer.

## Major in Music (53-54 credits)

## NOTES:

- 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-.
- 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)

Required Foundation courses .27 credits
MUS110 Introduction to Music Studies (1)
MUS141 / 142 / 143 / 144 / 145 / 146 / 162 Participation in Music Ensemble, by advisement: 4 semesters at 1 credit each (4)
MUS150 Concert Series attendance: 6 semesters (0)
MUS202 Piano 1 (2)
MUS203 Theory 1 (3)
MUS231 Sight Singing \& Ear Training 1 (1)
MUS232 Sight Singing \& 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 (2) or MUS320 Keyboard Harmony \& Improvisation (2)
MUS364 Form and Analysis (3) or MUS240 Introduction to Music Therapy (3)
Elective requirements.Capstone requirements.
$\qquad$ 5 credits
MUS432 Writing About Music (3)MUS490 Senior Project Seminar (2)
Music: Classical Performance concentration (54 credits)
Required Foundation courses .27 credits (as above)
Concentration courses21 creditsMUS141 / 142 / 143 / 144 / 145 / 146 / 162 Participation in Music Ensemble, by advisement: 2additional semesters (2)
MUS204 Theory 2 (3)
MUS303 Theory 3 (3)
MUS301 Piano 2 (2)
MUS364 Form and Analysis (3)
MUS4xx Applied Music: 4 additional semesters (8)
Elective requirements. ..... 5 credits
Capstone requirements ..... 1 credit
MUS483 Senior Recital (1)
Music: Jazz Performance concentration (53 credits)
Required Foundation courses .27 credits (as above)
Concentration courses 25 credits
MUS141 / 142 / 143 / 144 / 145 / 146 / 162 Participation in Music Ensemble, by advisement: 2
additional semesters (2)
MUS210 Jazz Improvisation Workshop (2)
MUS302 Piano 3: Jazz \& Popular Styles (2)
MUS310 Jazz Theory 1 (3)
MUS311 Jazz Theory 2 (3)
MUS312 Jazz Instrumentation \& Arranging (3)
MUS410 Jazz Improvisation Workshop (2)
MUS4xx Applied Music: 4 semesters at 2 credits each (8)
Capstone requirements
$\qquad$ .1 credit
MUS483 Senior Recital (1)
Music: Recording \& Electronic Music concentration (53 credits)
Required Foundation courses .27 credits (as above)
Concentration courses. ..... 21 credits
MUS204 Theory 2 (3)
MUS303 Theory 3 or MUS310 Jazz Theory 1 (3)
MUS350 Computer \& Electronic Music (3)
MUS351 Advanced Computer \& Electronic Music (3)
MUS380 Basic Recording (3)
MUS381 Advanced Recording (3)
Plus one of the following:
MUS364 Form \& Analysis (3)
PHY109 Physics of Sound \& Music (3)
MUS312 Jazz Instrumentation \& Arranging (3)
Capstone requirements
$\qquad$ 5 creditsMUS432 Writing About Music (3)MUS490 Senior Project Seminar (2)

## Minor in Music (25 credits)

## NOTES:

- 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.
Required courses ..... 20 credits
MUS110 Introduction to Music Studies (1)
MUS106 Basic Music Theory (3) or MUS203 Theory $1^{1}$ (3)
MUS141-145 or MUS162 Participation in Music Ensemble: 3 semesters at 1 credit each (3) ${ }^{2}$
MUS201 Basic Piano (2)
MUS202 Piano 1 (2)
MUS203 Theory 1 (3) or MUS204 Theory 2 (3)
MUS331 Music to 1750 (3)
MUS333 Music since 1750 (3)
Elective requirement5 credits
${ }^{1}$ Entrance into MUS203 is by placement exam
${ }^{2}$ Credits in excess of three (3) can be counted toward the elective requirement.


## Course Descriptions

MUS100 The World of Music (3)
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: Liberal Arts; GE3: HUM, Effective Expression/Aesthetic
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following major: Music (507)

## MUS103 Basic Sight Singing and Ear Training (1)

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 cours may not be counted toward the music major.

Restrictions: Must be enrolled in the following level: Undergraduate
MUS106 Basic Music Theory (3)
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 be enrolled in the following level: Undergraduate

## MUS109 Introduction to Music (3)

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, Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following major: Music (507)

## MUS141 College/Youth Symphony (1)

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, Effective Expression/Aesthetic, Performance
Restrictions: Must be enrolled in the following level: Undergraduate
MUS142 College-Community Chorale (1)
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, Effective Expression/Aesthetic, Performance
Restrictions: Must be enrolled in the following level: Undergraduate
MUS143 Symphonic Band (1)
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, Effective Expression/Aesthetic, Performance
Restrictions: Must be enrolled in the following level: Undergraduate

## MUS144 Concert Choir (1)

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, Effective Expression/Aesthetic, Performance
Restrictions: Must be enrolled in the following level: Undergraduate
MUS145 Collegium Musicum (1)
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 be enrolled in the following level: Undergraduate
MUS146 Chamber Singers (1)
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 be enrolled in the following level: Undergraduate

## MUS150 Concert Series Attendance

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 be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

MUS160 History of Jazz (3)
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, Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## MUS162 Chamber Jazz Ensembles (1)

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. May be repeated for credit.

Attributes: GE3: ART
Restrictions: Must be enrolled in the following level: Undergraduate

## MUS193 Music Selected Topic (3)

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate
MUS199 Modular Course (1-3; may be repeated for credit) No description is available for this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## MUS201 Piano 1 (2)

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 be enrolled in the following level: Undergraduate
MUS202 Piano 2 (2)
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 be enrolled in the following level: Undergraduate
Prerequisites: MUS201 Minimum Grade of C-
MUS203 Theory 1 (3)
Fundamental practices of harmony and counterpoint in Western tonal music: modes, cadences, harmonic progressions, non-harmonic tones. Study of diatonic voice-leading through partwriting and harmonic analysis. Placement examination required.

[^19]
## MUS204 Theory 2 (3)

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 be enrolled in the following level: Undergraduate
Prerequisites: MUS203 Minimum Grade of C-

## MUS205 Class Voice (2)

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 be enrolled in the following level: Undergraduate

## MUS210 Jazz Improvisation Workshop (2)

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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: MUS203 Minimum Grade of C-

## MUS217 Basic Guitar (2)

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 be enrolled in the following level: Undergraduate

## MUS218 Guitar 1 (2)

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 MUS 217 or placement exam.

Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: MUS217 Minimum Grade of C-

MUS220 Applied Classical Voice (2)
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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

## MUS221 Applied Classical Piano (2)

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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

## MUS222 Applied Classical Strings (2)

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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

## MUS223 Applied Classical Woodwinds (2)

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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

## MUS224 Applied Classical Brass (2)

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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

## MUS225 Applied Classical Percussion (2)

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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

MUS226 Applied Classical Guitar (2)
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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

## MUS227 Applied Classical Misc (2)

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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

## MUS228 Applied Voice Studio (1)

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. Corequisite, MUS220 Applied Voice. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites:
Corequisites: MUS220

## MUS231 Sight Singing and Ear Training 1 (1)

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). Prerequisite: Placement Exam.

Restrictions: Must be enrolled in the following level: Undergraduate
MUS232 Sight Singing and Ear Training 2 (1)
Continuation of Sight Singing and Ear Training 1.
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: MUS231 Minimum Grade of C-

## MUS240 Introduction to Music Therapy (3)

An overview of the field of music therapy which focuses on the role of the music therapist with psychiatric, geriatric, physically handicapped and developmentally disabled populations. Clinical observations at public and private rehabilitation centers.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## MUS251 Masterworks of Western Music (3)

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 Magical Flute, Beethoven's Sixth Symphony, and Dukas' Sorcerer's Apprentice. Previous musical background is not needed.

Attributes: Effective Expression/Aesthetic, Liberal Arts, GE3: WEST
Restrictions: Must be enrolled in the following level: Undergraduate

## MUS252 Music of the New World (3)

Music of the New World presents music of the United States from Colonial America to the present. Centered on composed classical music, topics include the development of several immigrant traditions including African-American, Latin-American, Protestant Christian and Jewish Europeans and the role of women in musical communities.

Attributes: GE3: DIVR, Effective Expression/Aesthetic, Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate

## MUS260 History of Rock (3)

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: GE3: DIVR, Effective Expression/Aesthetic, Ethical Reflection, Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate
MUS270 Applied Vocal Jazz (2)
Individual weekly lessons in jazz voice. For music majors only. May be repeated for credit.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

## MUS271 Applied Jazz Piano (2)

Individual weekly lessons in jazz piano. For music majors only. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

MUS272 Applied Jazz Bass (2)
Individual weekly lessons in jazz bass. For music majors only. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

## MUS273 Applied Jazz Woodwinds (2)

Individual weekly lessons in jazz woodwinds. For music majors only. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

MUS274 Applied Jazz Brass (2)
Individual weekly lessons in jazz brass. For music majors only. May be repeated for credit.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

## MUS275 Applied Jazz Percussion (2)

Individual weekly lessons in jazz percussion. For music majors only. May be repeated for credit.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

## MUS276 Applied Jazz Guitar (2)

Individual weekly lessons in jazz guitar. For music majors only. May be repeated for credit.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

## MUS277 Applied Jazz Misc (2)

Individual weekly lessons in a jazz instrument. For music majors only. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

MUS293 Music Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## MUS295 Indep Study Music (1)

No description is available for this course.

Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect
Satisfactory/Unsatisfactory grade option for this course.
MUS299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## MUS301 Piano 2 (2)

Continuation of Piano 1 with a classical focus. Not for Music majors concentrating in Classical Performance whose primary instrument is piano.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: MUS202 Minimum Grade of C-
MUS302 Piano 3: Jazz and Popular Styles (2)
Continuation of Piano 1 with a focus on jazz and popular styles. May be repeated for credit.
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: MUS202 Minimum Grade of C-

## MUS303 Theory 3-Counterpoint (3)

This course will include a survey of advanced topics relating to harmonic practice in the late $19^{\text {th }}$ century as well as an introduction to major $20^{\text {th }}$ century practices such as atonal theory and 12tone 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: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: MUS204 Minimum Grade of C-
MUS310 Jazz Theory 1 (3)
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 be enrolled in the following level: Undergraduate
Prerequisites: MUS203 Minimum Grade of C-*

* May be taken at the same time


## MUS311 Jazz Theory 2 (3)

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 be enrolled in the following level: Undergraduate
Prerequisites: MUS310 Minimum Grade of C-

## MUS312 Jazz Instrumentation and Arranging (3)

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 be enrolled in the following level: Undergraduate
Prerequisites: MUS310 Minimum Grade of C-

## MUS313 Improvisation for Every Musician (3)

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 be enrolled in the following level: Undergraduate, Must not be enrolled in the following class:
Freshman
Prerequisites: MUS106 Minimum Grade of C-
MUS315 Musical Theater Orchestra (3)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## MUS320 Keyboard Harmony and Improvisation (2)

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 be enrolled in the following level: Undergraduate
Prerequisites: MUS202 Minimum Grade of C- and MUS204 Minimum Grade of C-

## MUS326 Diction for Singers 1 (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: MUS202 Minimum Grade of C- and MUS204 Minimum Grade of C-
MUS327 Diction for Singers 2 (3)
Continuation of Diction for Singers I, with emphasis on French and German diction for singing.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: MUS326 Minimum Grade of C-

## MUS330 Music Cultures of the World (3)

Students will study five music cultures: African Ewe, Black America, Central/Southeast Europe, Japan, and Ecuador. (Choice of cultures may change from semester to semester.) Each of these provides a unique approach to a music culture that could serve as a reference for the student's own course related fieldwork. The goal of the course is to help the student develop the ability to experience and explore unfamiliar music cultures on their own. Parallel with each music culture, the course deals with theoretical issues such as: the function of music, the preservation of the world's music, the theory and method of fieldwork, perspectives of insiders and outsiders of music, and gender and sexuality in music. Student will also study how to conduct and document field projects.

Attributes: Liberal Arts, Systematic Inquiry, GE3: WRLD
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## MUS331 Music to 1750 (3)

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: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

MUS333 Music since 1750 (3)
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: Effective Expression/Written, GE3: HUM, Information Literacy, Liberal Arts, Writing Intensive Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## MUS335 Sight Singing \& Ear Training (3)

Continuation of Sight Singing and Ear Training 2, including advanced harmonic functions, irregular and mixed meters, modal scales, and seventh chords.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: MUS232 Minimum Grade of C-

## MUS340 Music Therapy Methods and Materials (3)

Plan, demonstrate and evaluate music activities for specific patient populations served by music
therapists. Skills in circle and square dancing, leading group music activities, playing nonsymphonic instruments and basic improvisation. Minimum final grade required: B-

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: MUS240 Minimum Grade of B-*

* May be taken at the same time


## MUS341 Music Therapy Ethics \& Professional Development

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: MUS240 Minimum Grade of B-

## MUS342 Song Writing in Music Therapy

Students will study a variety of methods of therapeutic song writing, create songs with simple accompaniment for use in therapeutic contexts, and devise and evaluate treatment plans making appropriate use of original songs. Minimum final grade required: B-

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following concentration: Music \& Health (507M); May not be enrolled in the following class: Freshman
Prerequisites: MUS203 Minimum Grade of B- and MUS202 Minimum Grade of B- or MUS217 Minimum Grade of B-

## MUS345 Psychology of Music (3)

Introduction to the psychology of music. Focuses on psychological and physiological aspects of music behavior.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## MUS346 Conducting (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: MUS204 Minimum Grade of C-
MUS350 Computer and Electronic Music (3)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## MUS351 Advanced Computer and Electronic Music (3)

Extension of techniques and concepts covered in Computer and Electronic Music (MUS 350), 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 Recording (MUS 380) is strongly encouraged.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following classes: Senior, Junior
Prerequisites: MUS350 Minimum Grade of C-

## MUS364 Form and Analysis (3)

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 be enrolled in the following level: Undergraduate
Prerequisites: MUS204 Minimum Grade of C-
MUS365 Instrumentation (3)
Characteristics of the instruments and how they are employed in scoring for full orchestra or band.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: MUS204 Minimum Grade of C-

## MUS380 Basic Recording Techniques (3)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## MUS381 Advanced Recording (3)

Further exploration of techniques introduced in Basic Recording (MUS 380): 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: MUS380 Minimum Grade of C-

## MUS383 Junior Recital

Recital opportunity for junior-level students in applied music. Program planned with and approved by the applied music instructor.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Music (507); May not be enrolled in the following class: Freshman

## MUS393 Music Selected Topic (3)

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate
MUS399 Modular Course (1-3; may be repeated for credit) No description is available for this course.

Restrictions: Must be enrolled in the following level: Undergraduate
MUS410 Jazz Improvisation Workshop (2)
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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: MUS203 Minimum Grade of C-

## MUS419 Applied Composition (2)

Individual weekly lessons in composition. For music majors only. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

## MUS420 Applied Classical Voice (2)

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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

## MUS421 Applied Classical Piano (2)

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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

## MUS422 Applied Classical Strings (2)

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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

## MUS423 Applied Classical Woodwinds (2)

Individual weekly lessons in classical woodwinds. For music majors only. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

MUS424 Applied Classical Brass (2)
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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

## MUS425 Applied Classical Percussion (2)

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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

## MUS426 Applied Classical Guitar (2)

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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

## MUS427 Applied Classical Misc (2)

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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

## MUS428 Applied Studio Class (1)

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. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman
Corequisites: MUS420

## MUS432 Writing About Music (3)

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: Liberal Arts; Writing Intensive
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Music (507); May not be enrolled in the following class: Freshman

MUS460 Piano Literature: Performance and Analysis (2)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## MUS470 Applied Vocal Jazz (2)

Individual weekly lessons in vocal jazz. For music majors only. May be repeated for credit.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

MUS471 Applied Jazz Piano (2)
Individual weekly lessons in jazz piano. For music majors only. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

## MUS472 Applied Jazz Bass (2)

Individual weekly lessons in jazz bass. For music majors only. May be repeated for credit.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

## MUS473 Applied Jazz Woodwinds (2)

Individual weekly lessons in jazz woodwinds. For music majors only. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

## MUS474 Applied Jazz Brass (2)

Individual weekly lessons in jazz brass. For music majors only. May be repeated for credit.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

## MUS475 Applied Jazz Percussion (2)

Individual weekly lessons in jazz percussion. For music majors only. May be repeated for credit.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507)

## MUS476 Applied Jazz Guitar (2)

Individual weekly lessons in jazz guitar. For music majors only. May be repeated for credit.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

MUS477 Applied Jazz Miscellaneous (2)
Individual weekly lessons in a jazz instrument. For music majors only. May be repeated for credit.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Music (507); May not be enrolled in the following class: Freshman

## MUS480 Music Therapy Practicum (2)

On-site observation of practicing MT-BC and introduction to clinical interventions with clients. Sixty (60) hours during the semester at an approved facility, plus weekly seminar on campus. On-site evaluation by music therapy faculty as needed. Minimum final grade required: B-

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Attributes: Clinical Placement; Creative Works, Field Study, Practicum - Non-Clinical; Research, Service Learning
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: MUS240 Minimum Grade of B- and MUS340 Minimum Grade of B-
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## MUS483 Senior Recital (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Music (507); May not be enrolled in the following class: Freshman

## MUS490 Senior Project (2)

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: Civic Engagement; Creative Works, Field Study, Int \& Domest Travel Exchange; Liberal Arts; Practicum - Non-Clinical; Research
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Music; May not be enrolled in the following class: Freshman

MUS493 Music Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## MUS494 Fieldwork in Music (1)

No description is available for this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## MUS495 Indep Study Music (1)

No description is available for this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

MUS499 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## Liberal Arts Designation:

All courses in Music Theory and Music History count towards the liberal arts requirements. The following courses also count towards the liberal arts requirement: MUS240 and MUS345.

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## Theatre Arts

Phone: (845) 257-3865
Location: College Theatre Room 102
Web address: www.newpaltz.edu/theatre

## Major in Theatre Arts (54 credits)

## NOTES:

- Students majoring in Theatre Arts are required to complete a minor.
- A grade of "C-" or better must be earned 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.

Theatre core requirements 36 credits
THE231 Introduction to Performance (3)
THE251 Theatre I (3)

THE236 Theatre II: Play Analysis (3)
THE252 Introduction to Theatre Technology (3)
THE253 Costume Construction I (3)
THE260 Introduction to Design (3)
THE301 Theatre Arts Participation (1) ${ }^{1}$
THE301 Theatre Arts Participation (1) ${ }^{1}$
THE301 Theatre Arts Participation (1) ${ }^{1}$
THE321 Theatre III: Theatre History 1 (3)
THE322 Theatre History 2 (3)
THE233 Western Drama I (3)
THE465 Theatre IV: Senior Seminar (3)
Plus one of the following:
THE234 Western Drama II (3)
THE208 Latin America through the Arts (3)
THE237 African American Drama (3)
THE327 Race, Gender \& Performance (3)
THE421 Gay \& Lesbian Identity in Contemporary Theatre (3)
THE328 Asian Theatre (3)
THE323 World Drama (3)
${ }^{1}$ THE301 Theatre Arts Participation must be taken three times for a total of 3 credits.

## Concentration requirements

 .18 creditsIn addition to the core requirements above, students must complete one of the following 18credit concentrations:

## Performance Concentration

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)

## Design \& Technology Concentration

Select three of the following:
THE354 Scene Design I (3)
THE355 Costume Design I (3)
THE356 Lighting Design I (3)
THE357 Sound Design I (3)
Select one of the following:
THE261 Drawing \& Painting for Theatre (3)
THE343 Scene Painting (3)

THE358 Audio Engineering I (3)
plus:
Two (2) additional concentration electives, of which one must be upper division (6)

## Theatre Studies Concentration

THE324 Dramaturgy (3)
THE441 Directing I (3)
THE342 Stage Management (3) or THE344 Theatre Management (3)
THE325 Devising Theatre (3) or THE327 Race, Gender \& Performance (3)
THE420 American Musical Theatre (3) or one of the following:
THE208 Latin America through the Arts (3)
THE237 African American Drama (3)
THE327 Race, Gender \& Performance (3)
THE421 Gay \& Lesbian Identity in Contemporary Theatre (3)
THE328 Asian Theatre (3)
THE323 World Drama (3)
plus:
One (1) additional upper-division concentration elective (3)

## Minor in Theatre Arts (24 credits)

## Any ONE of the following:

THE235 Introduction to Theatre (3)
THE251 Theatre One (3)
Any THREE of the following:
THE252 Introduction to Theatre Technology (3)
THE253 Costume Construction I (3)
THE260 Introduction to Design (3)
THE231 Acting I (3)
THE230 Introduction to Acting (3)
THE337 Introduction to Dance \& Movement (3)
Any TWO of the following:
THE321 Theatre History I (3)
THE322 Theatre History II (3)
THE233 Western Drama I (3)
THE234 Western Drama II (3)
THE271 Page to Stage: Dramatic Text Analysis (3)
THE420 American Musical Theatre (3)
THE239 History of Fashion (3)
THE327 Race, Gender and Performance (3)
THE237 African American Drama (3)

TWO elective courses selected from existing Theatre courses or selected topics:
Elective Courses (6)

## Course Descriptions

## THE193 Theatre Art Select Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

THE199 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

## THE208 Latin American Through the Arts (3)

A broad survey course introduces students to cultural ideas that influence the development of Latin American visual and performing arts. Viewings and readings provide context for discussions of art within major regions of Latin America.

Attributes: GE4: WORLD CIVILIZATIONS, GE3: WRLD, Effective Expression/Aesthetic, Liberal Arts Restrictions: Must be enrolled in the following level: Undergraduate

## THE209 Live Theatre Experience (3)

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. May be repeated for credit.

Attributes: GE3: ART, Effective Expression/Aesthetic, Liberal Arts
Prerequisites: ENG160 Minimum Grade of C- or English Placement Level 4 or ENG180 Minimum Grade of C- or ENG170 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## THE211 Rehearsal and Production (1)

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. May be repeated for credit.

Attributes: Creative Works; Liberal Arts; Practicum - Non-Clinical; Research

## THE212 Rehearsal and Production (2)

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. May be repeated for credit.

Attributes: Creative Works; Liberal Arts; Practicum - Non-Clinical; Research

## THE213 Rehearsal and Production (3)

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. May be repeated for credit.

Attributes: Creative Works; Liberal Arts; Practicum - Non-Clinical; Research

## THE230 Introduction to Acting (3)

An introductory acting course designed to increase student understanding and appreciation of the actor and the art of acting.

Attributes: GE3: ART, Creative Works; Effective Expression/Aesthetic, Liberal Arts, Performance; Practicum -Non-Clinical; Research

## THE231 Introduction to Performance (3)

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: Creative Works; Practicum - Non-Clinical; Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567)

## THE233 Western Drama 1 (3)

A survey of drama from the Greeks through the Romantic period. Examination of classical dramatic literature and its relevance in modern theatre.

Attributes: GE3: ART, Effective Expression/Written, Liberal Arts

## THE234 Western Drama II (3)

A survey of plays and playwrights from Henrik Ibsen and the introduction of Realism through movements of the twentieth century to the present day. Examination of dramatic literature as the basis for making theatre.

Attributes: Effective Expression/Written, GE3: HUM, Liberal Arts

## THE235 Introduction To Theatre (3)

Traces the origin of Western theatre, explains the structure of drama and analyzes the component parts of playmaking, experiencing theatre and creating theatre, through lecture, discussion and live performance. Fee for tickets and transportation.

Attributes: Ethical Reflection, GE3: HUM, Liberal Arts

## THE236 Theatre II: Play Analysis (3)

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 one of the following field(s) of study (major, minor or concentration): Theatre Arts (567), Theatre Arts (THE)

## THE237 African American Drama (3)

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. FEE FOR TICKETS AND TRANSPORTATION.

Attributes: GE3: DIVR, Effective Expression/Oral, Liberal Arts

## THE239 History of Fashion (3)

Western/European costume from prehistoric times through the first half of the twentieth century. Students examine the social implications of clothing and dress and how this impacts and mirrors the development of human culture.

Attributes: Information Literacy, Liberal Arts, GE3: WEST

## THE240 History of World Dress (3)

An exploration of the evolution of dress and adornment from early humans through the present day in culturally diverse regions of the world.

Attributes: GE4: WORLD CIVILIZATIONS, GE3: WRLD, Information Literacy, Liberal Arts

## THE251 Theatre One (3)

The craftsmanship of the playwright, the director, the actor, the designers, the technicians, depends on an idea of what theatrical art is and how it works. This course explores theatrical ideas as a preparation for imaginative and creative work in the theatre, and culminates in a small production.

Attributes: Liberal Arts, Creative Works, Practicum - Non-Clinical; Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567)

## THE252 Introduction to Theater Technology (3)

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: Creative Works, Liberal Arts, Practicum - Non-Clinical; Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567)

## THE253 Costume Construction I (3)

An introduction to the costume shop, its equipment and its use. Projects to develop basic skills and techniques used in costume construction.

Attributes: Creative Works, Liberal Arts, Practicum - Non-Clinical; Research Restrictions: Must be enrolled in the following major: Theatre Arts (567)

## THE260 Introduction to Design (3)

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: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567)

## THE261 Drawing and Painting for Theatre (3)

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: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## THE271 Page to Stage: Dramatic Text An (3)

Study of approaches to the analysis of dramatic literature, emphasizing the link between text and performance. Readings in dramatic literature, criticism, theory. Group discussion and written practice in analyzing plays and other assigned readings.

Attributes: Effective Expression/Written, GE3: HUM, Liberal Arts

THE293 Selected Topic Theatre Arts (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

THE295 Indep Study Theatre Arts (1)
No description is available for this course.
THE299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

## THE301 Theatre Arts Participation (1)

Advanced participation in theatre activities; supervised laboratory experiences in the areas of design, technical theatre, management, acting, directing. May be repeated for credit.

Attributes: Creative Works, Practicum - Non-Clinical, Research

Restrictions: Must be enrolled in the following major: Theatre Arts; May not be enrolled in the following class: Freshman

## THE303 Voice for Musical Theatre 1 (3)

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: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE304 Voice for Musical Theatre 2 (3)

Continuation of THE 303. 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: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE305 Musical Theatre Workshop I (3)

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: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Performance (567P); May not be enrolled in the following class: Freshman
Prerequisites: (THE304 Minimum Grade of C- and THE332 Minimum Grade of C- and THE337 Minimum Grade of C-)

## THE306 Musical Theatre Workshop II (3)

Continuation of 91305 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: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Performance (567); May not be enrolled in the following class: Freshman

## THE310 Live Theatre Experience (3)

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 rather than on opera and dance.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## THE314 Period Styles (3)

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 $20^{\text {th }}$ Century.
Attributes: Effective Expression/Written, Liberal Arts, GE3: WEST
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman

## THE321 Theatre III: Theatre History 1 (3)

Historic survey of the theories and techniques of staging and performing plays from ancient Greece to 1650.

Attributes: Effective Expression/Written, Liberal Arts, GE3: WEST
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## THE322 Theatre History 2 (3)

Continuation of THE321. From 1650 to 1915.

Attributes: GE3: ART, Effective Expression/Written, Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## THE323 World Drama (3)

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
Restrictions: Must be enrolled in the following level: Undergraduate; May 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-

## THE324 Dramaturgy (3)

Introduction to dramaturgy with a special emphasis on working as a dramaturgy both collaboratively on a production team and cooperatively within a larger organization.

Attributes: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## THE325 Devising Theatre (3)

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: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE326 20 ${ }^{\text {th }}$ Century Design (3)

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 the theatre. The class will be taught through image presentations, class discussion of scheduled readings and lectures. FEE FOR TICKETS AND TRANSPORTATION.

Attributes: GE3: ART, Effective Expression/Written, Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## THE327 Race Gender and Performance (3)

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: GE3: DIVR, Ethical Reflection, Liberal Arts, Writing Intensive
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## THE328 Asian Theatre (3)

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 be enrolled in the following level: Undergraduate; May 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-

## THE329 American Drama (3)

A survey of the evolution of American drama through the 20th Century focusing on its relationship to social and political forces and its place in the construction of an American identity.
Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of Cor ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

## THE332 Acting I (3)

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. May be repeated for credit.

Attributes: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE333 Acting II (3)

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. May be repeated for credit.

Attributes: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE334 Speech for the Stage (3)

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. May be repeated for credit.

Attributes: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE335 Stage Makeup I (3)

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: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE337 Introduction to Movement (3)

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. May be repeated for credit.

Attributes: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE338 Tap Dance (3)

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. May be repeated for credit.

Attributes: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: May not be enrolled in the following class: Freshman

## THE341 Dialects for the Stage (3)

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: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE342 Stage Management (3)

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: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE343 Scene Painting (3)

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: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE344 Theatre Management (3)

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: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE347 Choreography for Musical Theatre (3)

Participation in the creation and rehearsal of choreographed movement specifically designed for a musical theatre production, culminating in public performances.

Attributes: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE351 Drafting for the Theater (3)

Studio course in theatrical drafting. A study of the graphic communications language and mechanical drawing skills for the theater.

Attributes: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE352 Introduction to Computer Assisted Design (3)

Computer Assisted Design employing software currently in use by industry professionals.
Attributes: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE353 Costume Construction 2 (3)

Advanced study of the patterns and construction methods used during the major periods in costume history and their adaptation for theatrical costume.

Attributes: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE354 Scene Design 1 (3)

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: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE355 Costume Design 1 (3)

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: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE356 Lighting Design 1 (3)

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: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE357 Sound Design 1 (3)

Application of the elements of design, script analysis, research techniques, digital audio editing, composition \& recording to create sound designs for theatrical production.

Attributes: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE358 Audio Engineering 1 (3)

Examination of acoustics, basic sound reinforcement system, computer audio playback, intercom \& video communication for sound engineers in theatrical production.

Attributes: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE362 Improvisation and Performance (3)

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: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: May not be enrolled in the following class: Freshman

## THE363 Scene Study (3)

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: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE364 A Modern Approach to Ballet (2)

This course is for the beginning to intermediate dancer interested in Modern, Ballet or Jazz Dance. Ballet is used as a foundation stressing skeletal alignment and movement efficiency. May be repeated for credit.

## Attributes: Liberal Arts

Restrictions: May not be enrolled in the following class: Freshman

## THE365 Theatrical Movement Technique (3)

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: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

THE393 Theatre Art Select Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

THE399 Modular Course (1-3; may be repeated for credit) No description is available for this course.

## THE411 Rehearsal and Production (1)

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. May be repeated for credit.
Attributes: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE412 Rehearsal and Production (2)

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. May be repeated for credit.

Attributes: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE413 Rehearsal and Production (3)

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. May be repeated for credit.

Attributes: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman

## THE420 American Musical Theatre (3)

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: GE3: DIVR, Effective Expression/Written, Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
THE421 Gay \& Lesbian Identity in Contemporary Theatre (3)
A reading and discussion course about the experiences of gay \& lesbian characters in contemporary theatre. Students read essay about gender and culture, analyze plays and make connections between identity and socio-cultural movements.

Attributes: Creative Works, Ethical Reflection, Liberal Arts
Restrictions: May 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-

## THE432 Acting III (3)

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 be enrolled in the following major: Theatre Arts (567); May not be enrolled in one of the following classifications: Freshman, Sophomore

## THE434 Advanced Voice and Speech (3)

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 the following major: Theatre Arts (567); May not be enrolled in one of the following classifications: Senior, Junior
Prerequisites: THE231 Minimum Grade of C-

## THE441 Directing I (3)

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: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research, Writing Intensive Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman, Sophomore

## THE442 Directing II (3)

Continuation of 91441 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: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman, Sophomore

## THE453 Costume Crafts (3)

Techniques in dyeing, painting and surface decoration of fabric, use of foam and other nonwoven materials and millinery.

Attributes: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman, Sophomore

## THE454 Scene Design 2 (3)

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: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman, Sophomore

## THE455 Costume Design 2 (3)

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: Creative Works, Liberal Arts, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); Must be enrolled in one of the following classes: Senior, Junior

## THE456 Lighting Design 2 (3)

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: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman, Sophomore

## THE457 Sound Design 2 (3)

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: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman, Sophomore

## THE458 Audio Engineering 2 (3)

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: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman, Sophomore
Prerequisites: THE358 Minimum Grade of C- and THE357 Minimum Grade of C-

## THE465 Theater IV-Senior Seminar (3)

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 specialization (Performance or Design/Technology).

Attributes: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); Must be enrolled in the following class: Senior

## THE490 Senior Project in Theatre (3)

Advanced work on an individual basis, awarded to a theatre major, subject to approval of instructor.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following major: Theatre Arts (567) ; May not be enrolled in one of the following classifications: Freshman, Sophomore

## THE492 Fieldwork in Professional Theatre (3)

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 be enrolled in the following major: Theatre Arts (567); May not be enrolled in one of the following classifications: Freshman, Sophomore

THE493 Theatre Art Select Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Attributes: Creative Works, Practicum - Non-Clinical, Research
Restrictions: Must be enrolled in the following major: Theatre Arts (567); May not be enrolled in the following class: Freshman, Sophomore

## THE494 Fieldwork In Theatre Art (3)

No description is available for this course.

Restrictions: Must be enrolled in the following major: Theatre Arts ; May not be enrolled in one of the following classifications: Freshman, Sophomore

THE495 Indep Study Theatre Arts (1)
No description is available for this course.
Restrictions: Must be enrolled in the following major: Theatre Arts (567) ; May not be enrolled in one of the following classifications: Freshman, Sophomore; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

THE499 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

Restrictions: May not be enrolled in the following class: Freshman

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# School of Science \& Engineering 

Phone: (845) 257-3728
Location: Resnick Engineering Hall, Room 115
Web: www.newpaltz.edu/sse
Major in Astronomy: See Physics \& Astronomy

## Major in Biochemistry: See below, following Biology.

## Major in Biology

Phone: (845) 257-3770
Location: Coykendall Science Building Room 106
Web address: 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 facultymentored 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.
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) the seven-year, dual-degree BS/Doctor of Optometry program with the SUNY College of Optometry and 2) the seven-year, dual-degree BS/Doctor of Osteopathic Medicine program with the New York College of Osteopathic Medicine.

The Departments of Biology and Chemistry also offer an interdisciplinary major in Biochemistry leading to a Bachelor of Science degree. The curricular requirements are found here.

A grade of C- or better is required to advance from General Biology I (BIO201) to General Biology II (BIO 202) and from General Biology II (BIO202) to Genetics (BIO320). A minimum grade of C - in Genetics (BIO320) is a prerequisite for several upper-division Biology courses.

## Major 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 BIO 201 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 upperdivision 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 I.
- A minimum grade of C- in MAT251 Calculus I is required to enroll in MAT252 Calculus II and in PHY201 General Physics I.


## Biology (BA degree track) - 56 credits, plus an approved minor or second major

Core requirements. 23 credits
BIO201 General Biology I (3) and BIO211 General Biology I Lab (1) ${ }^{1}$
BIO202 General Biology II (3) and BIO212 General Biology II Lab (1) ${ }^{\mathbf{1}}$
BIO320 Genetics (3) and BIO321 Genetics Lab (1) ${ }^{2}$
BIO322 Evolution (3) ${ }^{2}$
CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1) ${ }^{3}$
CHE202 General Chemistry II (3) and CHE212 General Chemistry II Lab (1) ${ }^{3}$
Participation in Lecture Series (6 hours, 0 credits)
${ }^{1}$ BIO201/211 General Biology I/General Biology I Lab and BIO202/212 General Biology II/General Biology II Lab must be taken in sequence. A minimum grade of C - is required in BIO201 and BIO202.
${ }^{2}$ A minimum grade of C - in BIO320 Genetics is required to advance to most upper-division biology courses ( 300 and above).
${ }^{3}$ 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.

Biology electives. .25 credits
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:

## Environmental Biology

BIO301 Field Biology Fall (3)
BIO340 Ecology (4)
BIO425 Plant Ecophysiology (4)
BIO440 Freshwater Biology (4)
BIO445 Ornithology (4)

## Evolution \& Diversity of Life

BIO305 Plant Morphology (4)
BIO307 Comparative Vertebrate Anatomy (4)
BIO350 General Microbiology (4)
BIO370 Animal Physiology (4)
BIO412 Evolutionary Theory (3)
BIO418 Animal Behavior (3)
BIO435 Entomology (4)
BIO445 Ornithology (4)
Architecture of Life
BIO311 Developmental Plant Anatomy (4)
BIO350 General Microbiology (4)
BIO358 Molecular Biology (4)
BIO359 Cell Biology (4)
BIO388 Biological Chemistry (3)
BIO413 Developmental Biology (4)
BCM360 Protein Structure \& Function (4)
BCM461 Biochemistry I (3)

## Capstone

BIO4xx: All 400-level Biology courses (3-4)
Cognate requirements. .8 credits, chosen from the following:
CHE318 Organic Chemistry I (3) and CHE306 Organic Chemistry I Lab (1)
CHE319 Organic Chemistry II (3) and CHE309 Organic Chemistry II Lab (1)
CPS210 Computer Science I: Foundations (4)
CPS310 Computer Science II: Data Structures (4)
GLG201 Physical Geology (3) and GLG211 Physical Geology Lab (1)
GLG202 Historical Geology (4)
MAT251 Calculus I (4)
MAT252 Calculus II (4)
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)

PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)
PHY221 Fundamental Physics I (3) and PHY211 Physics I Lab (1)
PHY222 Fundamental Physics II (3) and PHY232 Fundamental Physics II Lab (1)

## Additional breadth requirement

In addition to the 56 credits outlined above, BA students much choose a minor (typically 18-22 credits) or a second major.

Additional considerations for admission to medical, dental and veterinary schools: The requirements for these professional schools are constantly evolving and vary from institution to institution. Please contact the Pre-Health Advisor.

Cellular Biology (BS degree track) - $\mathbf{7 2}$ credits
Core requirements. .23 credits
BIO201 General Biology I (3) and BIO211 General Biology I Lab (1) ${ }^{1}$
BIO202 General Biology II (3) and BIO212 General Biology II Lab (1) ${ }^{1}$
BIO320 Genetics (3) and BIO321 Genetics Lab (1) ${ }^{2}$
BIO322 Evolution (3) ${ }^{2}$
CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1) ${ }^{3}$
CHE202 General Chemistry II (3) and CHE212 General Chemistry II Lab (1) ${ }^{3}$
Participation in Lecture Series (6 hours, 0 credits)
${ }^{1}$ BIO201/211 General Biology I/General Biology I Lab and BIO202/212 General Biology II/General Biology II Lab must be taken in sequence. A minimum grade of C - is required in BIO201 and BIO202.
${ }^{2}$ A minimum grade of C - in BIO320 Genetics is required to advance to most upper-division biology courses (300 and above).
${ }^{3}$ 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.
Required concentration courses. $\qquad$ .8 credits
BIO358 Molecular Biology (4)
BIO359 Cell Biology (4)
Concentration electives $\qquad$ 17 credits, chosen from the following:

Architecture of Life (at least 7 credits)
BIO311 Developmental Plant Anatomy (4)
BIO350 General Microbiology (4)
BIO388 Biological Chemistry (3)
BIO413 Developmental Biology (4)
BCM360 Protein Structure \& Function (4)
BCM461 Biochemistry I (3)

BCM463 Biochemistry Lab (1)
BCM470 Biochemistry II (3)
Capstone (at least 6 credits, including at least 3 credits in 400-level Architecture of Life courses) BIO4xx: All 400-level Biology courses (3-4)

Cognate requirements....................................... 24 credits
CHE318 Organic Chemistry I (3) and CHE306 Organic Chemistry I Lab (1)
CHE319 Organic Chemistry II (3) and CHE309 Organic Chemistry II Lab (1)
MAT251 Calculus I (4)
MAT252 Calculus II (4)
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)
Additional considerations for admission to medical, dental and veterinary schools: The requirements for these professional schools are constantly evolving and vary from institution to institution. Please contact the Pre-Health Advisor.

Additional considerations for admission to graduate programs in biology: Research experience. You should begin to explore research options during your sophomore year.

## Environmental Biology (BS degree track) - 72 credits

Core requirements............................................ 23 credits
BIO201 General Biology I (3) and BIO211 General Biology I Lab (1) ${ }^{1}$
BIO202 General Biology II (3) and BIO212 General Biology II Lab (1) ${ }^{1}$
BIO320 Genetics (3) and BIO321 Genetics Lab (1) ${ }^{2}$
BIO322 Evolution (3) ${ }^{2}$
CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1) ${ }^{3}$
CHE202 General Chemistry II (3) and CHE212 General Chemistry II Lab (1) ${ }^{3}$
Participation in Lecture Series (6 hours, 0 credits)
${ }^{1}$ BIO201/211 General Biology I/General Biology I Lab and BIO202/212 General Biology II/General Biology II Lab must be taken in sequence. A minimum grade of C - is required in BIO201 and BIO202.
${ }^{2}$ A minimum grade of C - in BIO320 Genetics is required to advance to most upper-division biology courses ( 300 and above).
${ }^{3}$ 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.

Concentration electives $\qquad$ 17 credits, chosen from the following:

Environmental Biology (at least 7 credits)
BIO301 Field Biology Fall (3)
BIO425 Plant Ecophysiology (4)
BIO440 Freshwater Biology (4)
BIO445 Ornithology (4)
GEO330 Geography of Soils (3)
GEO383 Introduction to GIS (4)

Capstone (at least 6 credits, including at least 3 credits in 400-level Environmental Biology courses)
BIO4xx: All 400-level Biology courses (3-4)

## Cognate requirements. <br> 24 credits

CHE318 Organic Chemistry I (3) and CHE306 Organic Chemistry I Lab (1)
CHE319 Organic Chemistry II (3) and CHE309 Organic Chemistry II Lab (1)
MAT251 Calculus I (4)
MAT252 Calculus II (4)
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)

Additional considerations for admission to medical, dental and veterinary schools: The requirements for these professional schools are constantly evolving and vary from institution to institution. Please contact the Pre-Health Advisor.

Additional considerations for admission to graduate programs in biology: Research experience. You should begin to explore research options during your sophomore year.

## Integrative Biology (BS degree track) - 72 credits

## Core requirements. <br> 23 credits

BIO201 General Biology I (3) and BIO211 General Biology I Lab (1) ${ }^{1}$
BIO202 General Biology II (3) and BIO212 General Biology II Lab (1) ${ }^{\mathbf{1}}$
BIO320 Genetics (3) and BIO321 Genetics Lab (1) ${ }^{2}$
BIO322 Evolution (3) ${ }^{2}$
CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1) ${ }^{3}$
CHE202 General Chemistry II (3) and CHE212 General Chemistry II Lab (1) ${ }^{3}$
Participation in Lecture Series (6 hours, 0 credits)
${ }^{1}$ BIO201/211 General Biology I/General Biology I Lab and BIO202/212 General Biology II/General Biology II Lab must be taken in sequence. A minimum grade of C - is required in BIO201 and BIO202.
${ }^{2}$ A minimum grade of C - in BIO320 Genetics is required to advance to most upper-division
biology courses (300 and above).
${ }^{3}$ 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.
Concentration electives $\qquad$ $\mathbf{2 5}$ credits, chosen from the following:

## Environmental Biology (at least 3 credits)

BIO301 Field Biology Fall (3)
BIO340 Ecology (4)
BIO425 Plant Ecophysiology (4)
BIO440 Freshwater Biology (4)
BIO445 Ornithology (4)
Evolution \& Diversity of Life (at least 3 credits)
BIO305 Plant Morphology (4)
BIO307 Comparative Vertebrate Anatomy (4)
BIO350 General Microbiology (4)
BIO370 Animal Physiology (4)
BIO412 Evolutionary Theory (3)
BIO418 Animal Behavior (3)
BIO435 Entomology (4)
BIO445 Ornithology (4)
Architecture of Life (at least 3 credits)
BIO311 Developmental Plant Anatomy (4)
BIO350 General Microbiology (4)
BIO358 Molecular Biology (4)
BIO359 Cell Biology (4)
BIO388 Biological Chemistry (3)
BIO413 Developmental Biology (4)
Capstone (at least 6 credits)
BIO4xx: All 400-level Biology courses (3-4)

## Cognate requirements. 24 credits

CHE318 Organic Chemistry I (3) and CHE306 Organic Chemistry I Lab (1)
CHE319 Organic Chemistry II (3) and CHE309 Organic Chemistry II Lab (1)
MAT251 Calculus I (4)
MAT252 Calculus II (4)
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)

Additional considerations for admission to medical, dental and veterinary schools: The requirements for these professional schools are constantly evolving and vary from institution to institution. Please contact the Pre-Health Advisor.

Additional considerations for admission to graduate programs in biology: Research experience. You should begin to explore research options during your sophomore year.

## Organismal Biology (BS degree track) - 72 credits

## Core requirements 23 credits

BIO201 General Biology I (3) and BIO211 General Biology I Lab (1) ${ }^{1}$
BIO202 General Biology II (3) and BIO212 General Biology II Lab (1) ${ }^{1}$
BIO320 Genetics (3) and BIO321 Genetics Lab (1) ${ }^{2}$
BIO322 Evolution (3) ${ }^{2}$
CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1) ${ }^{3}$
CHE202 General Chemistry II (3) and CHE212 General Chemistry II Lab (1) ${ }^{3}$
Participation in Lecture Series (6 hours, 0 credits)
${ }^{1}$ BIO201/211 General Biology I/General Biology I Lab and BIO202/212 General Biology II/General Biology II Lab must be taken in sequence. A minimum grade of C - is required in BIO201 and BIO202.
${ }^{2}$ A minimum grade of C - in BIO320 Genetics is required to advance to most upper-division biology courses (300 and above).
${ }^{3}$ 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.

## Required concentration courses. <br> $\qquad$ .8 credits

BIO307 Comparative Vertebrate Anatomy (4)
BIO380 Biological Statistics (4)

Concentration electives........................................ 17 credits, chosen from the following:

## Evolution \& Diversity of Life (at least 7 credits)

BIO305 Plant Morphology (4)
BIO350 General Microbiology (4)
BIO370 Animal Physiology (4)
BIO412 Evolutionary Theory (3)
BIO418 Animal Behavior (3)
BIO435 Entomology (4)
BIO445 Ornithology (4)
ANT302 Human Osteology (3)
GLG305 Paleontology (4)

Capstone (at least 6 credits, including at least 3 credits in 400-level Evolution \& Diversity of Life courses)
BIO4xx: All 400-level Biology courses (3-4)

## Cognate requirements 24 credits

CHE318 Organic Chemistry I (3) and CHE306 Organic Chemistry I Lab (1)
CHE319 Organic Chemistry II (3) and CHE309 Organic Chemistry II Lab (1)
MAT251 Calculus I (4)
MAT252 Calculus II (4)
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)
Additional considerations for admission to medical, dental and veterinary schools: The requirements for these professional schools are constantly evolving and vary from institution to institution. Please contact the Pre-Health Advisor.

Additional considerations for admission to graduate programs in biology: Research experience. You should begin to explore research options during your sophomore year.

## Minor in Biology (minimum of 18 credits)

Required courses $\qquad$ .8 credits
BIO201 General Biology I (3)
BIO211 General Biology I Lab (1)
BIO202 General Biology II (3)
BIO212 General Biology II Lab (1)
Additional Biology requirements......................... 10 credits (minimum)
Choose at least 10 upper-division credits, by advisement.
The College also offers an interdisciplinary minor in Environmental Geochemical Science as well as a minor in Evolutionary Studies.

## Course Descriptions

## BIO111 Introduction to Animal Life (3)

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 nonscience majors; does not count toward biology major.

Attributes: Liberal Arts, GE3: NSCI, GE4: Natural Science Course, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following major: Biology (508)

## BIO112 Biology Today (3)

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, GE3: NSCI, GE4: Natural Science Course, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following major: Biology (508)

## BIO115 Intro To Plant Life (3)

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, GE3: NSCI, GE4: Natural Science Course, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following major: Biology (508)

## BIO119 Inheritance (3)

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, GE3: NSCI, GE4: Natural Science Course, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following major: Biology (508)
Prerequisites: Math Placement Level 4 or MAT152 Minimum Grade of D- or MAT193 Minimum Grade of D- or MAT153 Minimum Grade of D-

## BIO120 Global Change Biology (3)

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, GE3: NSCI, GE4: Natural Science Course
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following major: Biology (508)

## BIO130 Cancer Biology (3)

Students will explore the biological mechanisms that underlie the development of cancer and the mechanisms by which various cancer treatments work.

Attributes: Liberal Arts, GE3: NSCI, GE4: Natural Science Course, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following major: Biology (508)

## BIO135 Evolution for Everyone (3)

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, GE3: NSCI, GE4: Natural Science Course, Systematic Inquiry
Restrictions: May not be enrolled in the following major: Biology (508)

## BIO140 Modern Biotechnology (3)

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, GE3: NSCI, GE4: Natural Science Course, Systematic Inquiry<br>Restrictions: May not be enrolled in the following major: Biology (508)<br>Prerequisites: Math Placement Level 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-

## BIO150 Insects and Human Society (3)

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, GE3: NSCI, GE4: Natural Science Course, Systematic Inquiry
Restrictions: May not be enrolled in the following major: Biology (508)

## BIO170 Human Biology (3)

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, GE3: NSCI, GE4: Natural Science Course, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following major: Biology (508)

BIO193 Biology Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following major: Biology (508)

BIO199 Pre-Osteo Seminar (1; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate

## BIO201 General Biology I (3)

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; GE3: NSCI, GE4: Natural Science Lecture, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: BIO211 Minimum Grade of C-*
*May be taken at the same time

## BIO202 General Biology II (3)

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; GE3: NSCI, GE4: Natural Science Lecture, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: BIO201 Minimum Grade of C- and (Math Placement Level 4 or MAT152 Minimum Grade of C-) Corequisites: BIO212

## BIO211 General Biology I Lab (1)

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 Lab, Information Management Introductory; Research Corequisites: BIO201

## BIO212 General Biology II Lab (1)

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: Liberal Arts; GE4: Natural Science Lab, Critical Thinking Introductory; Research
Corequisites: BIO202
BIO293 Biology Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate
BIO295 Indep Study Biology (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

BIO296 Departmental Elective (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate

BIO299 Pre-Osteopathic Seminar (1; may be repeated for credit)
No description is available for this course.
Attributes: Clinical Placement
Restrictions: Must be enrolled in the following level: Undergraduate

## BIO301 Field Biology Fall (3)

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 or organisms.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C-

## BIO305 Plant Morphology (4)

Comparative study of life histories, morphology, and phylogenetic relationships of the major plant groups.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C-

## BIO307 Comparative Vertebrate Anatomy (4)

Gross anatomy and functions of systems of representative vertebrates. Skeletal, muscular, circulatory, digestive, respiratory, excretory, reproductive, nerve, and endocrine systems. Dissection is required.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C-

## BIO311 Developmental Plant Anatomy (4)

Developmental phenomena and anatomical characteristics of plant cells, tissues, and organs.
Attributes: Liberal Arts; Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C-

## BIO320 Genetics (3)

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. COURSE FEE.

Attributes: Liberal Arts; Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C- and BIO321 Minimum Grade of D-*
*May be taken at the same time

## BIO321 Genetics Lab (1)

Laboratory investigation of a broad range of topics in Genetics.
Attributes: Liberal Arts; Information Management Intermediate
Corequisites: BIO320

## BIO322 Evolution (3)

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: Liberal Arts; Critical Thinking Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C-

## BIO340 Ecology (4)

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.

Attributes: Liberal Arts; Research; Writing Intensive
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C-

## BIO348 Biological Statistics (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of D- and BIO202 Minimum Grade of D- and (Math Placement Level 5 or MAT181 Minimum Grade of C-)

BIO349 Biology Research (1-4; may be repeated for credit)
Individual laboratory and/or field research under the supervision of a faculty member. Permission of instructor required.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C-

## BIO350 General Microbiology (4)

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.

Attributes: Liberal Arts; Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO320 Minimum Grade of C-

## BIO358 Molecular Biology (4)

Background, theory and techniques of molecular biology with the analysis of published research. Class discussions, independent research, written and oral presentations required.

Attributes: Liberal Arts; Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C - and BIO320 Minimum Grade of C- and CHE201 Minimum Grade of D- and CHE202 Minimum Grade of D-

## BIO359 Cell Biology (4)

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.

Attributes: Liberal Arts; Research; Writing Intensive
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C - and BIO202 Minimum Grade of C - and BIO320 Minimum Grade of C- and CHE201 Minimum Grade of D- and CHE202 Minimum Grade of D-

## BIO370 Animal Physiology (4)

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.

Attributes: Liberal Arts; Research; Writing Intensive
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: BIO320 Minimum Grade of C- and CHE201 Minimum Grade of D-

## BIO388 Biological Chemistry (3)

Study of the chemistry of biologically significant compounds; enzymes and metabolic reactions involved in energy transformations.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following field(s) of study (major, minor or concentration): Biology (508); May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C- and BIO320 Minimum Grade of C- and CHE201 Minimum Grade of C- and CHE202 Minimum Grade of C-

BIO393 Biology Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

BIO396 Departmental Elective (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

BIO399 Pre-osteopathic Seminar (1; may be repeated for 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BIO412 Evolutionary Theory (3)

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: Liberal Arts; Critical Thinking Advanced; Information Management Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C- and BIO320 Minimum Grade of C- and BIO322 Minimum Grade of C-

## BIO413 Developmental Biology (4)

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 studentdesigned research projects.

Attributes: Liberal Arts; Critical Thinking Advanced; Information Management Advanced; Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C - and BIO320 Minimum Grade of C- and BIO322 Minimum Grade of C-

## BIO418 Animal Behavior (3)

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: Liberal Arts; Critical Thinking Advanced; Information Management Advanced Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C - and BIO202 Minimum Grade of C - and BIO320 Minimum Grade of C- and BIO322 Minimum Grade of C-

## BIO425 Plant Ecophysiology (4)

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.

Attributes: Liberal Arts; Critical Thinking Advanced; Information Management Advanced; Research Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C - and BIO202 Minimum Grade of C - and BIO320 Minimum Grade of C- and BIO322 Minimum Grade of C-

## BIO435 Entomology (4)

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.

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## BIO440 Freshwater Biology (4)

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: Liberal Arts; Critical Thinking Advanced; Information Management Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C- and BIO320 Minimum Grade of Cand BIO322 Minimum Grade of C-

## BIO445 Ornithology (4)

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.

## Attributes: Liberal Arts

Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C- and BIO320 Minimum Grade of C- and BIO322 Minimum Grade of C-

## BIO491 Capstone Research (3)

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: Liberal Arts; Critical Thinking Advanced; Information Management Advanced
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following class:
Senior
Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C- and BIO320 Minimum Grade of C- and BIO322 Minimum Grade of C-

BIO493 Biology Selected Topic (2-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BIO494 Fieldwork In Biology (1-12)

No description is available for this course.
Attributes: Field Study, Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory Grade option for this course

BIO495 Indep Study Biology (1-12; may be repeated for credit) No description is available for this course.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory Grade option for this course

BIO499 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

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## Major in Biochemistry (73-74 credits)

The Departments of Biology and Chemistry offer an interdisciplinary major in Biochemistry, leading to a Bachelor of Science degree. The curricular requirements are outlined below.

## 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 BIO 201 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 \& Function and most upper-division biology courses, including those in the Biochemistry major (BIO350, BIO358, BIO359, BIO370, BIO413).
- A minimum grade of C- in MAT251 Calculus I is required to enroll in MAT252 Calculus II and in PHY201 General Physics I.

Required Biochemistry courses $\qquad$ .12 credits
BCM360 Protein Structure \& Function (4)
BCM461 Biochemistry I (3)
BCM463 Biochemistry Lab (1)
BCM470 Biochemistry II (3)
BCM475 Experimental Biochemistry (1)
Required Biology courses. $\qquad$ 16 credits
BIO201 General Biology I (3) and BIO211 General Biology I Lab (1)
BIO202 General Biology II (3) and BIO212 General Biology II Lab (1)
BIO320 Genetics (3) and BIO321 Genetics Lab (1)
BIO358 Molecular Biology (4)

## Required Chemistry courses. <br> 16 credits

CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3) and CHE212 General Chemistry II Lab (1)
CHE318 Organic Chemistry I (3) and CHE306 Organic Chemistry I Lab (1)
CHE319 Organic Chemistry II (3) and CHE309 Organic Chemistry II Lab (1)
Biology elective (choose one)............................. 4 credits
BIO350 General Microbiology (4)
BIO359 Cell Biology (4)
BIO370 Animal Physiology (4)
BIO413 Developmental Biology (4)
Chemistry elective (choose one) 3-4 credits
CHE303 Introduction to Analytical Chemistry (4)
CHE314 Inorganic Chemistry (3)

CHE321 Physical Chemistry I (3)
CHE322 Physical Chemistry II (3)
Additional approved electives $\qquad$ min. 6 credits (may be from the above lists, independent study, or otherwise approved by advisor)

## Required cognates

 16 creditsMath
MAT251 Calculus I (4)
MAT252 Calculus II (4)

## Physics

PHY201 General Physics I (3)
PHY211 Physics I Lab (1)
PHY202 General Physics II (3)
PHY212 General Physics II Lab (1)

## Course Descriptions

BCM295 Independent Study Biochemistry (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## BCM360 Protein Structure and Function (4)

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 threedimensional structures of proteins produced by modern structural biology research in conjunction with primary scientific literature.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: BIO320 Minimum Grade of C- and (CHE319 Minimum Grade of C-*)
*May be taken at the same time
BCM393 Biochemistry Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## BCM461 Biochemistry I (3)

Examination of the chemistry of cellular constituents, especially biopolymers and how the structure of these macromolecules effects their function.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course
Prerequisites: CHE319 Minimum Grade of C-

## BCM463 Biochemistry Lab (1)

Introduction to biochemical techniques with emphasis on protein biochemistry. Provides laboratory experience that reinforces concepts taught in BCM461.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course Prerequisites: BCM461 Minimum Grade of D-* and CHE318 Minimum Grade of D- and CHE319 Minimum Grade of D-
*May be taken at the same time

## BCM470 Biochemistry II (3)

Enzyme kinetics, bioenergetics and examination of metabolic reactions leading to biologically useful energy production. Control of intermediary metabolism at the molecular level.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: BCM461 Minimum Grade of D-

## BCM475 Experimental Biochemistry (1)

Laboratory work in methodology and techniques used in biochemistry. Stresses design and interpretation of experiments.

Attributes: Liberal Arts, Creative Works, Practicum/Non-Clinical
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: BCM463 Minimum Grade of D-* and BCM360 Minimum Grade of D-*
*May be taken at the same time
BCM495 Independent Study Biochemistry (1-12; may be repeated for credit)
No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## Faculty: Biochemistry - See Biology and Chemistry faculty lists

## Chemistry

Phone: (845) 257-3790
Location: Coykendall Science Building Room 105
Web address: www.newpaltz.edu/chemistry
The Department of Chemistry at New Paltz offers both undergraduate and master's degree programs. Three undergraduate programs leading to liberal arts degrees are available: the
chemistry major, the American Chemical Society (ACS) approved chemistry major, and the chemistry major with biochemistry emphasis.

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 healthrelated 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.

The chemistry major requires fewer advanced courses than the ACS approved program. However, students take, with advisement, the same core courses that provide theoretical and hands-on education in the major areas of chemistry. Students are able to combine a chemistry major with prelaw, business, or teaching programs. This degree 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 the New Paltz Chemistry Department on its list of approved departments. This is the equivalent to professional accreditation of the liberal arts curriculum. Prospective chemistry majors should consult with the department chair as soon as possible after admission to the College and should take MAT251 Calculus I and CHE201 \& 211 General Chemistry I \& Lab in the fall semester of their freshman year.

In addition to these programs, the Departments of Chemistry and Biology offer an interdisciplinary major in Biochemistry leading to a Bachelor of Science degree. The curricular requirements for the Biochemistry major appear elsewhere in this catalog.

## 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.


## Major in Chemistry (General Degree) - 54 credits

Required chemistry courses.... 35 credits
CHE201 General Chemistry I (3)
CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3)
CHE212 General Chemistry II Lab (1)
CHE303 Introduction to Analytical Chemistry (4)
CHE314 Inorganic Chemistry (3)
CHE318 Organic Chemistry I (3)
CHE306 Organic Chemistry I Lab (1)
CHE319 Organic Chemistry II (3)
CHE309 Organic Chemistry II Lab (1)
CHE321 Physical Chemistry I (3)
CHE322 Physical Chemistry II (3)
CHE323 Experimental Physical Chemistry (3)
BCM461 Biochemistry I (3) or a 400- or 500-level Chemistry course approved by the Chair.
Required cognate courses.............................. 19 credits
MAT251 Calculus I (4)
MAT252 Calculus II (4)
MAT341 Applied Mathematics I (3)
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)

## Chemistry (ACS approved curriculum) - 66 credits

## General chemistry core 35 credits

CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3) and CHE212 General Chemistry II Lab (1)
CHE303 Introduction to Analytical Chemistry (4)
CHE314 Inorganic Chemistry (3)
CHE318 Organic Chemistry I (3) and CHE306 Organic Chemistry I Lab (1)
CHE319 Organic Chemistry II (3) and CHE309 Organic Chemistry II Lab (1)
CHE321 Physical Chemistry I (3)
CHE322 Physical Chemistry II (3)
CHE323 Experimental Physical Chemistry (3)
BCM461 Biochemistry I (3) or a 400- or 500-level Chemistry course approved by the Chair.
Plus the following. 12 credits
CHE415 Advanced Inorganic Chemistry Lab (1)
CHE407 Instrumental Techniques (4)
BCM461 Biochemistry I (3), unless taken with core courses above
BCM463 Biochemistry Lab (1)

CHE490 Senior Research in Chemistry (3)
Elective chemistry course (3): One additional semester of advanced work selected from 400- and 500-level courses in chemistry. (CHE495 Independent Study and CHE494 Fieldwork do not meet this requirement.)

## Required cognate courses 19 credits

MAT251 Calculus I (4)
MAT252 Calculus II (4)
MAT341 Applied Mathematics (3)
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
PHY202 General Physics II (3) and PHY212 General Physics I Lab (1)

## Chemistry (Biochemistry Emphasis) - 73 credits

General chemistry core .35 credits
CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3) and CHE212 General Chemistry II Lab (1)
CHE303 Introduction to Analytical Chemistry (4)
CHE314 Inorganic Chemistry (3)
CHE318 Organic Chemistry I (3) and CHE306 Organic Chemistry I Lab (1)
CHE319 Organic Chemistry II (3) and CHE309 Organic Chemistry II Lab (1)
CHE321 Physical Chemistry I (3)
CHE322 Physical Chemistry II (3)
CHE323 Experimental Physical Chemistry (3)
BCM461 Biochemistry I (3) or a 400- or 500-level Chemistry course approved by the Chair.

## Plus 7 credits:

BCM461 Biochemistry I (3), unless taken with core courses above
BCM463 Biochemistry Lab (1)
BCM470 Biochemistry II (3)
CHE490 Senior Research in Chemistry (3)
Required cognate courses
.31 credits
MAT251 Calculus I (4)
MAT252 Calculus II (4)
MAT341 Applied Mathematics I (3)
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)
BIO201 General Biology I (3) and BIO211 General Biology I Lab (1)
BIO202 General Biology II (3) and BIO212 General Biology II Lab (1)
BIO320 Genetics (4)

## Minor in Chemistry (17-20 credits)

## Required Chemistry courses. <br> $\qquad$ 8 credits

CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3) and CHE212 General Chemistry II Lab (1)
Required elective courses $\qquad$ $9-12$ credits
Choose three from the following:
CHE303 Introduction to Analytical Chemistry (4)
CHE314 Inorganic Chemistry (3)
CHE318 Organic Chemistry I (3) and CHE306 Organic Chemistry I Lab (1)
CHE319 Organic Chemistry II (4) and CHE309 Organic Chemistry II Lab (1)
CHE321 Physical Chemistry I (3)
CHE322 Physical Chemistry II (3)
CHEXXX Course in Chemistry not having Physical Chemistry as prerequisite (3-4)

## Course Descriptions

## CHE100 Environmental Chemistry (3)

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, GE3: NSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following college: Science and Engineering; May not be enrolled in one of the following majors: Adolescence Ed: Biology (031A), Geology (510), Biology (101), Physics (108), Chemistry (509), 7-12:Biology (031), 7-12: Chemistry (032)
Prerequisites: Math Placement Level 3 or MAT151 Minimum Grade of C- or MAT093 Minimum Grade of C-

## CHE110 Food, Medicine and Drugs (3)

Biological consequences of substances we ingest: nutritional requirements, properties and metabolism of foods, vitamins and minerals; selected examples of actions of medicines and mechanisms of action of addictive drugs.

Attributes: Liberal Arts, GE3: NSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate

## CHE182 Chemistry in Art (3)

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, GE3: NSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following college: Science and Engineering ; May not be enrolled in the following major: Chemistry (509)
Prerequisites: Math Placement Level 3 or MAT151 Minimum Grade of C- or MAT093 Minimum Grade of C-

## CHE193 Chemistry Selected Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate
CHE199 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## CHE201 General Chemistry I (3)

Principles governing chemical change in relation to the atomicity of matter, atomic structure and the periodic system of the elements.

Attributes: Liberal Arts, GE3: NSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course
Prerequisites: (Math Placement Level 4 or MAT152 Minimum Grade of C- or MAT193 Minimum Grade of C- or MAT153 Minimum Grade of C-) and CHE211 Minimum Grade of D-*
*May be taken at the same time

## CHE202 General Chemistry II (3)

Kinetics, thermodynamics, equilibria and electrochemistry.
Attributes: Liberal Arts, GE3: NSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course
Prerequisites: CHE201 Minimum Grade of C- and CHE211 Minimum Grade of D- and CHE212 Minimum Grade of D-* and (Math Placement Level 4 or MAT152 Minimum Grade of C-)
*May be taken at the same time

## CHE211 General Chemistry I Lab (1)

Laboratory work complements the lecture material covered in CHE201.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate
Corequisites: CHE201

## CHE212 General Chemistry II Lab (1)

Laboratory work complements the lecture material covered in CHE202. COURSE FEE.
Attributes: Liberal Arts
Prerequisites: (Math Placement Level 4 or MAT152 Minimum Grade of C-) and CHE201 Minimum Grade of DCorequisites: CHE202

CHE293 Chemistry Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## CHE295 Independent Study Chemistry

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## CHE296 Departmental Elective

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate
CHE299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## CHE303 Introduction to Analytical Chemistry (4)

Lecture and laboratory work in gravimetric, volumetric, and elementary instrumental analysis. Application of statistics to analytical chemistry.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: CHE202 Minimum Grade of D-

## CHE306 Organic Chemistry I Lab (1)

Laboratory meets once a week and will provide practical experience in some fundamental techniques of organic chemistry.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: CHE202 Minimum Grade of C-
Corequisites: CHE318

## CHE309 Organic Chemistry II Lab (1)

Laboratory work will utilize the microscale techniques employed in Organic Chemistry I to the study of organic reactions. COURSE FEE.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: CHE202 Minimum Grade of D-
Corequisites: CHE319
CHE314 Inorganic Chemistry (3)
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: May not be enrolled in the following class: Freshman
Prerequisites: CHE202 Minimum Grade of D- and CHE318 Minimum Grade of D-

## CHE318 Organic Chemistry I (3)

Structural theory and its application to the study of the properties of carbon compounds.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: (CHE202 Minimum Grade of C- and CHE212 Minimum Grade of D-) and CHE306 Minimum Grade of D-*
*May be taken at the same time

## CHE319 Organic Chemistry II (3)

## Continuation of CHE318 Organic Chemistry I.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: (CHE318 Minimum Grade of C- and CHE306 Minimum Grade of D-) and CHE309 Minimum Grade of D-*
*May be taken at the same time

## CHE320 Physical Chemistry Recitation (1; may be repeated for credit)

Students will work in groups to solve problems that deal with concepts in thermodynamics and kinetics. These in-class activities will reinforce concepts learned in Physical Chemistry I (CHE 321).

Attributes: Liberal Arts
Restrictions: Must be enrolled in one of the following majors: Chemistry (509), Adolescence Ed: Chemistry (441) Prerequisites: CHE201 Minimum Grade of D- and MAT252 Minimum Grade of D- and CHE202 Minimum Grade of D- and PHY211 Minimum Grade of D- and PHY212 Minimum Grade of D- and MAT251 Minimum Grade of DCorequisites: CHE321, MAT341

## CHE321 Physical Chemistry I (3)

Study of ideal and real gases, kinetics, thermodynamics, phase and chemical equilibrium, electrochemistry.

## Attributes: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: CHE202 Minimum Grade of C- and PHY202 Minimum Grade of D- and (MAT341 Minimum Grade of D- or [MAT359 Minimum Grade of D- and MAT353 Minimum Grade of D-])

## CHE322 Physical Chemistry II (3)

Introduction to quantum mechanics and atomic and molecular spectroscopy.

[^21]Prerequisites: CHE202 Minimum Grade of C- and PHY202 Minimum Grade of D- and (MAT341 Minimum Grade of D- or [MAT353 Minimum Grade of D- and MAT359 Minimum Grade of D-])

## CHE323 Experimental Physical Chemistry (3)

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: Liberal Arts, Writing Intensive, Creative Works, Practicum/Non-Clinical Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: CHE322 Minimum Grade of D- and CHE321 Minimum Grade of D-*
*May be taken at the same time
CHE393 Chemistry Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## CHE396 Departmental Elective

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

CHE399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## CHE407 Instrumental Techniques (4)

Familiarization with the modern instruments and techniques used in chemistry.
Attributes: Liberal Arts, Creative Works, Practicum/Non-Clinical
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: CHE303 Minimum Grade of D-

## CHE415 Advanced Inorganic Chemistry Laboratory (1)

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 dblock elements.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course Prerequisites: CHE202 Minimum Grade of D- and CHE319 Minimum Grade of D- and CHE314 Minimum Grade of D-*
*May be taken at the same time

## CHE485 Seminars in Chemistry (2)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Chemistry (509), Adolescence Ed: Chemistry (441); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## CHE490 Senior Research in Chemistry (3; may be repeated for credit)

Student undertakes a program of research under the guidance of a faculty advisor.
Attributes: Liberal Arts, Creative Works, Research
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Chemistry (509), Adolescence Ed: Chemistry (441); May not be enrolled in the following class: Freshman

CHE493 Chemistry Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Chemistry (509), Adolescence Ed: Chemistry (441); May not be enrolled in the following class: Freshman

## CHE494 Fieldwork In Chemistry

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## CHE495 Independent Study Chemistry

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

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## Computer Science

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Location: Science Hall (NSH) Room 253
Web address: www.newpaltz.edu/compsci
The Computer Science Department offers both undergraduate and master's degree programs. The major, which is accredited by the Computing Sciences Accreditation Board, 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.

SUNY New Paltz has a fully networked campus and a multi-user computer system that provides email, Internet access, and software to the campus community. Additionally, 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.

NOTE: No course (including transfer courses) in which a student receives a grade below C- or a pass/fail grade may be used to satisfy a major requirement.

NOTE: Some Computer Science courses have a Math Placement Level prerequisite. Consult the Department of Mathematics for information concerning Math Placement Levels.

## Major in Computer Science (63 credits)

## Required Computer Science courses............... 40 credits

CPS210 Computer Science I: Foundations (4) - A grade of B- or better in CPS210 is required to progress to CPS310.
CPS310 Computer Science II: Data Structures (4)
CPS315 Computer Science III (4)
CPS330 Assembly Language \& Computer Architecture (4)
CPS340 Operating Systems I (4)
CPS352 Object Oriented Programming (3)
CPS353 Software Engineering (3)
CPS415 Discrete \& Continuous Computer Algorithms (3)
CPS425 Language Processing (4)
PLUS one of the following capstone pairs:
CPS440 Database Principles (3) or
CPS470 Computer Communication Networks (3) or
CPS493 Computer Science Selected Topic (3), by advisement
and
CPS485 Projects (4)

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Required Mathematics courses..................... }11\mathrm{ credits
MAT251 Calculus I (4)
MAT252 Calculus II (4)
MAT320 Discrete Mathematics for Computing (3)
Required Science courses
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$\qquad$

``` .8 credits
CHE201 General Chemistry I (3)
CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3)
CHE212 General Chemistry II Lab (1)
OR
PHY201 General Physics I (3)
PHY211 Physics I Lab (1)
PHY202 General Physics II (3)
PHY212 General Physics II Lab (1)
OR
BIO201 General Biology I (3)
BIO211 General Biology I Lab (1)
BIO202 General Biology II (3)
BIO212 General Biology II Lab (1)
OR
GLG201 Physical Geology (3)
GLG211 Physical Geology Lab (1)
plus one 4-credit Geology course with Physical Geology as a prerequisite
Required Engineering courses.
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$\qquad$

``` .4 credits
EGC220 Digital Logic Fundamentals (3)
EGC221 Digital Logic Lab (1)
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## Minor in Computer Science (16 credits)

Required Computer Science course. $\qquad$ 4 credits
CPS210 Computer Science I: Foundations (4)
Elective Computer Science courses $\qquad$ .9 credits
Each minor candidate is required to complete at least three 300-level-or-above Computer Science courses with the prior approval of an advisor from the department. Elective Computer Science courses must include at least two that are not required in the student's major.

Elective Mathematics course $\qquad$ 3 credits
Each minor candidate is required to complete at least one 200-level-or-above Mathematics course (except MAT240).

Course Descriptions: Computer Science

## CPS100 Computers and Applications (3)

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 3 or MAT151 Minimum Grade of C- or MAT093 Minimum Grade of C-

## CPS104 Visual Programming (3)

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 3 or MAT151 Minimum Grade of C- or MAT093 Minimum Grade of C-

## CPS110 Web Page Design (3)

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 be enrolled in the following level: Undergraduate

## CPS193 Computer Science Selected Topic (3)

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

## CPS210 Computer Science I: Foundations (4)

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: Liberal Arts
Prerequisites: Math Placement Level 4 or MAT152 Minimum Grade of C-

CPS293 Computer Science Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

## CPS295 Independent Study Comp Science

No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## CPS296 Departmental Elective

No description is available for this course.

CPS299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
CPS310 Computer Science II: Data Structures (4)
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: May not be enrolled in the following class: Freshman
Prerequisites: CPS210 Minimum Grade of B-
CPS315 Computer Science III (4)
A continuation of CPS310 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: CPS310 Minimum Grade of C-
CPS330 Assembly Language and Computer Architecture (4)
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: May not be enrolled in the following class: Freshman
Prerequisites: CPS310 Minimum Grade of C-
CPS340 Operating Systems (4)
The design and implementation of single and multi-user operating systems. Memory management, process management, device management.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: CPS330 Minimum Grade of C-
CPS341 Operating Systems II (3)
Design and implementation of major components of a modern operating system.
Attributes: Liberal Arts
Prerequisites: CPS340 Minimum Grade of C-
CPS342 Embedded Linux (3)
Students learn the principles and practices of the Linux operating system in the embedded environment.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: CPS310 Minimum Grade of C-

## CPS352 Object Oriented Programming (3)

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: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: CPS310 Minimum Grade of C-
CPS353 Software Engineering (3)
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: May not be enrolled in the following class: Freshman
Prerequisites: CPS310 Minimum Grade of C-
CPS393 Computer Science Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman

## CPS396 Departmental Elective

No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman
CPS399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman

## CPS415 Discrete and Continuous Computer Algorithms (3)

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 be enrolled in the following level: Undergraduate; Must not be enrolled in the following class:

Freshman.
Prerequisites: MAT320 Minimum Grade of C-

## CPS425 Language Processing (4)

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 be enrolled in the following level: Undergraduate; Must not be enrolled in the following class: Freshman.
Prerequisites: CPS310 Minimum Grade of C- and CPS330 Minimum Grade of C-
CPS440 Database Principles (3)
Study of the logical and physical organization of large databases; database system programming.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: CPS310 Minimum Grade of C-
CPS441 Database Projects (4)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: CPS440 Minimum Grade of C-
CPS460 Computer Architecture (3)
Data representation, memory organization, input/output processing, stack computers, parallel computers, pipeline architecture, microprogramming.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: CPS325 Minimum Grade of C- and (EGE220 Minimum Grade of C- or EGE230 Minimum Grade of C-)

## CPS470 Computer Communication Networks (3)

Network architecture, data flow control, transmission control, path control, recovery, routing techniques.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

## CPS471 Computer Communication Networks II (4)

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: CPS470 Minimum Grade of C-

## CPS485 Projects (4; may be repeated for credit)

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: Liberal Arts

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following classes: Senior, Junior; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course Prerequisites: CPS493 Minimum Grade of C- or CPS470 Minimum Grade of C- or CPS440 Minimum Grade of C-

CPS493 Computer Science Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman

## CPS494 Fieldwork Comp Science

No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

## CPS495 Independent Study Comp Science

No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

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## Engineering Programs

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The Division of Engineering Programs offers high-quality undergraduate 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 fiveyear program through which students may earn their bachelor's degree in Electrical or Computer Engineering and a master's degree in Electrical Engineering.

SUNY New Paltz's engineering programs are designed to meet the needs of a rapidly changing technological society. Each program includes a broad General Education experience, foundation coursework to ensure fundamental knowledge of mathematics and natural science, a core
curriculum through which students develop and refine discipline-specific knowledge and skills, and elective courses that provide opportunities for applying knowledge and using the tools and techniques of modern engineering practice. 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

Non-engineering students may not enroll in engineering or engineering-related courses other than Introduction to Engineering Science (EGG101) and Technical Communication (EGG321). Exceptions are frequently granted for Circuit Analysis (EGE200), Circuits Laboratory (EGE201), Digital Logic Fundamentals (EGC220), and Digital Logic Laboratory (EGC221). Permission to register in any of these courses* must be obtained from the Division of Engineering Programs prior to registration.
*Permission is not required for Computer Science students to register for EGC220 Digital Logic Fundamentals and EGC221 Digital Logic Laboratory.

Admission of transfer students will be based on transcript review, detailed comparison with SUNY New Paltz foundation requirements, and consultation with an advisor from the Division of Engineering Programs. Transfer students from other SUNY campuses will find information about Seamless Transfer at https://www.suny.edu/attend/get-started/transfer-students/ and about designated transfer path courses at https://www.suny.edu/attend/get-started/transfer-students/suny-transfer-paths/suny-transfer-paths-all-2015/.

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 receive grades of C- or better in any course that is used to satisfy engineering major requirements. Except for Fieldwork (EGC/EGE/EGM494), courses taken on a Satisfactory/Unsatisfactory basis cannot be applied toward engineering major requirements.

Please note: Our program is designed to be completed in four (4) years if students begin the math sequence with Calculus I.

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. Our goal is to provide students with a solid knowledge of math, science and engineering concepts and the ability to apply them to engineering problems. 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.

Each engineering program consists of a modified General Education requirement, foundation coursework in math and science, required core courses, and technical electives. Design is
emphasized throughout the curriculum. The General Education component complements students' engineering education and encourages them to understand engineering roles in a broader context.

## Major in Computer Engineering (102 credits)

- Engineering students follow a modified, 22-credit General Education requirement, as noted below. A total of 124 credits is required to complete the Bachelor's degree.
- 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 receive grades of C-or better in any course that is used to satisfy engineering major requirements. Except for Fieldwork (EGC/EGE/EGM494), courses taken on a Satisfactory/Unsatisfactory basis cannot be applied toward engineering major requirements.

Modified General Education requirement. $\qquad$ 22 credits
ENG170 Writing \& Rhetoric (4) or ENG206 Advanced Writing \& Rhetoric (4) - Prerequisite: ENG160 (3) or English Placement Level 5
plus one (1) course from each of the following six GE categories (18 credits):
United States Studies
World Civilizations \& Cultures
Western Civilization
Humanities
Social Sciences
The Arts
Math/science foundation courses .43 credits
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 \& Statistics (3)
Computer Science (11 credits)
CPS210 Computer Science I: Foundations (4)*
*A grade of B- or better in CPS210 is required to progress to CPS310.
CPS310 Computer Science II: Data Structures (4)
CPS353 Software Engineering (3)

Physics (8 credits)
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)

## Chemistry or Biology (4 credits)

CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1)
or
BIO201 General Biology I (3) and BIO211 General Biology I Lab (1)

## Core Engineering Courses.

 50 creditsEGG101 Introduction to Engineering Science (3)
EGC251 C/C++ Programming (3)
EGC220 Digital Logic Fundamentals (3)
EGC221 Digital Logic Laboratory (1)
EGE200 Circuit Analysis (3)
EGE201 Circuits Laboratory (1)
EGC331 Microprocessor System Design (3)
EGC332 Microprocessor Laboratory (1)
EGC320 Digital Systems Design (3)
EGE320 Electronics I (3)
EGE322 Electronics I Lab (1)
EGC433 Embedded Systems (3)
EGC442 Introduction to Computer Architecture (3)
EGC445 VLSI Design (3)
EGC446 VLSI Laboratory (1)
EGC455 System-on-Chip (SoC) (3)
EGC447 Functional Verification (3)
EGG321 Technical Communication (3)
EGG408 Senior Design Project I ${ }^{1}$ (3)
EGG409 Senior Design Project II ${ }^{1}$ (3)
${ }^{1}$ Seniors must register for Senior Design Project (EGG408 and EGG409) 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.

## Technical Electives

 .9 creditsNine 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. Technical electives can also include any 300/400/500-level computer science, physics, and math courses. Students must obtain the approval of their adviser prior to registering for the courses. Pre-approved engineering graduate courses can be used as undergraduate technical electives.

## Major in Electrical Engineering (102 credits)

- Engineering students follow a modified, 22-credit General Education requirement, as noted below. A total of 124 credits is required to complete the Bachelor's degree.
- 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 receive grades of C- or better in any course that is used to satisfy engineering major requirements. Courses taken on a Satisfactory/Unsatisfactory basis cannot be applied toward engineering major requirements.

Modified General Education requirement 22 credits
ENG170 Writing \& Rhetoric (4) or ENG206 Advanced Writing \& Rhetoric (4) - Prerequisite: ENG160 (3) or English Placement Level 5
plus one (1) course from each of the following six GE categories (18 credits):
United States Studies
World Civilizations \& Cultures
Western Civilization
Humanities
Social Sciences
The Arts

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 \& Statistics (3)
Sciences (12 credits)
CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1)
or BIO201 General Biology I (3) and BIO211 General Biology I Lab (1)
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)
Core Engineering courses 57 credits
EGG101 Introduction to Engineering Science (3)
EGC251 C/C++ Programming (3)
EGC220 Digital Logic Fundamentals (3)
EGC221 Digital Logic Laboratory (1)
EGE200 Circuit Analysis (3)

EGE201 Circuits Laboratory (1)
EGE331 Computer Simulation (3)
EGE311 Signals \& Systems (3)
EGE340 Applied Electromagnetics (3)
EGC331 Microprocessor System Design (3)
EGC332 Microprocessor 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 (3)
EGE412 Communication Systems (3)
EGG321 Technical Communication (3)
EGG408 Senior Design Project I ${ }^{1}$ (3)
EGG409 Senior Design Project II ${ }^{1}$ (3)
${ }^{1}$ EGG408 Senior Design Project I (3) and EGG409 Senior Design Project II (3): Seniors must register for Senior Design Project 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.

## Electrical Engineering Technical Electives. 12 credits

Twelve 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. Technical electives can also include any 300/400/500-level computer science, physics, and math courses. Students must obtain the approval of their adviser prior to registering for the courses. Pre-approved engineering graduate courses can be used as undergraduate technical electives.

## Major in Mechanical Engineering (102 credits)

- Engineering students follow a modified, 22-credit General Education requirement, as noted below. A total of 124 credits is required to complete the Bachelor's degree.
- 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 receive grades of C-or better in any course that is used to satisfy engineering major requirements. Except for Fieldwork (EGC/EGE/EGM494), courses taken on a Satisfactory/Unsatisfactory basis cannot be applied toward engineering major requirements.

Modified General Education requirement. 22 credits
ENG170 Writing \& Rhetoric (4) or ENG206 Advanced Writing \& Rhetoric (4) - Prerequisite: ENG160 (3) or English Placement Level 5
plus one (1) course from each of the following six GE categories (18 credits):
United States Studies
World Civilizations \& Cultures
Western Civilization
Humanities
Social Sciences
The Arts

## Required math/science courses 33 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 \& Statistics (3)
CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1)
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)
Required core courses 54 credits
Introductory course
EGG101 Introduction to Engineering Science (3)
Design courses
EGM101 Design with Additive Manufacturing (1)
EGM201 Design Using Reverse Engineering (1)
EGM301 Design of Measurement Instrumentation (1)
Mechanics courses
EGM211 Statics (3)
EGM212 Dynamics (3)
EGM311 Kinematics of Machines (3)
EGM312 System Dynamics (3)
Materials courses
EGM221 Engineering Materials (3)
EGM322 Mechanics of Materials (3)
EGM323 Materials Lab (1)

Thermo-Fluid Sciences courses
EGM331 Thermodynamics (3)
EGM332 Fluid Mechanics (3)
EGM333 Thermo-Fluids Lab (1)
EGM334 Heat Transfer (3)
EGM335 Thermo System Design (3)
Additional engineering requirements
EGE200 Circuit Analysis (3) and EGE201 Circuits Lab (1)
EGM302 Finite Element Analysis (3)
EGE331 Computer Simulation (3)
EGG408 Senior Design Project I (3)
EGG409 Senior Design Project II (3)
Professional electives* $\qquad$ 15 credits
Choose five (5) professional electives.
*Professional electives must be chosen from the Division of Engineering Programs' list of approved courses or from its upper-division course offerings (300/400/500-level EGC, EGE or EGM courses). Students must meet all necessary prerequisite coursework and obtain their adviser's approval prior to taking any Professional Elective.

## Course Descriptions: Engineering Programs

## General Engineering

## EGG101 Introduction to Engineering Science (3)

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 be enrolled in the following level: Undergraduate
Prerequisites: Math Placement Level 5 or MAT181 Minimum Grade of C-

## EGG193 Engineering Selected Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate Prerequisites: EGG101 Minimum Grade of C-

EGG199 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

## EGG250 Renewable Energy (3)

Energy supply from alternative resources as a result of solar power (such as direct solar radiation, and indirect forms such as bioenergy, water and wind power), as well as geothermal energy and their effect on the environment is studied using a scientific approach.

Attributes: Liberal Arts, GE3: NSCI, Systematic Inquiry
Prerequisites: Math Placement Level 3 or MAT151 Minimum Grade of C- or MAT093 Minimum Grade of C-

EGG293 Engineering Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## EGG295 Independent Study General Engineering

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## EGG311 Engineering Statistics (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Computer Engineering (518), Electrical Engineering (517), Mechanical Engineering (521); May not be enrolled in the following class: Freshman
Prerequisites: MAT252 Minimum Grade of C-

## EGG321 Technical Communication (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Computer Engineering (518), Electrical Engineering (517), Mechanical Engineering (521); May 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-
EGG393 Engineering Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

EGG399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EGG408 Senior Design Project I (3)

First of the two-semester design project. Students choose a project and an advisor and learn about the design process. A written progress report is required as the end of the semester.
Attributes: Liberal Arts, Writing Intensive
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## EGG409 Senior Design Project II (3)

Second part of a two-semester design project. A formal report and an oral presentation are required at the end of the semester.

Attributes: Liberal Arts, Writing Intensive
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course Prerequisites: EGG408 Minimum Grade of C-

EGG493 Engineering Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EGG495 Independent Study General Engineering

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## Computer Engineering

## EGC193 Engineering Selected Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the
Satisfactory/Unsatisfactory grade option for this course

## EGC220 Digital Logic Fundamentals (3)

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.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Mechanical Engineering (521), Computer Engineering (518), Computer Science (513), Electrical Engineering (517)
Prerequisites: MAT251 Minimum Grade of C-
Corequisites: EGC221

## EGC221 Digital Logic Lab (1)

Experiments in both combinational 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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Mechanical Engineering (521), Computer Engineering (518), Computer Science (513), Electrical Engineering (517)
Corequisites: EGC220 Minimum Grade of C-

## EGC251 C/C++ Programming (3)

A course in computer programming using high level programming languages $(\mathrm{C} / \mathrm{C}++)$ as a tool to solve engineering problems. Topics include programming structure, decisions, repetition, arrays, functions, data files, addresses and pointers and object oriented design.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Electrical Engineering (517)
Prerequisites: EGG101 Minimum Grade of C-
EGC293 Engineering Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## EGC295 Independent Study Computer Engineering

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## EGC320 Digital Systems Design (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Electrical Engineering (517), Mechanical Engineering (521), Computer Engineering (518); May not be enrolled in the following class: Freshman
Prerequisites: EGC220 Minimum Grade of C- and EGC221 Minimum Grade of C-

## EGC331 Microprocessor System Design (3)

An introduction to Microprocessor System Design. Topics include: microprocessor organization and architecture; memory and I/O interfacing; and Assembly and C language programming of unsigned, signed, and floating point numbers.
Restrictions: Must be enrolled in one of the following field(s) of study (major, minor or concentration): Computer Engineering (518), Electrical Engineering (517), Engineering (EGG), Mechanical Engineering (521); May not be enrolled in the following class: Freshman
Prerequisites: EGC220 Minimum Grade of C- and EGC221 Minimum Grade of C-
Corequisites: EGC332

## EGC332 Microprocessor Laboratory (1)

Self-paced laboratory to provide hands-on experience encompassing Assembly and C programming languages and interfacing peripheral devices as applied to microprocessor systems.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Computer Engineering (518), Electrical Engineering (517), Engineering (EGG), Mechanical Engineering (521); May not be enrolled in the following class: Freshman Prerequisites: EGC331

## EGC412 Data Communications (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Electrical Engineering (517), Mechanical Engineering (521), Computer Engineering (518); May not be enrolled in the following class: Freshman
Prerequisites: EGC331 Minimum Grade of C-

## EGC433 Embedded Systems (3)

Analysis and design processes required for utilizing advanced functionality, real-time (interrupt) interfacing, and bare-metal programming techniques 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.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Computer Engineering (518), Electrical Engineering (517), Engineering (EGG), Mechanical Engineering (521); May not be enrolled in the following class: Freshman Prerequisites: EGC251 Minimum Grade of C- and EGC331 Minimum Grade of C- and EGC332 Minimum Grade of C- and EGE200 Minimum Grade of C- and EGE201 Minimum Grade of C-

EGC442 Introduction to Computer Architecture (3)
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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Computer Engineering (518), Electrical Engineering (517), Engineering (EGG), Mechanical Engineering (521); May not be enrolled in the following class: Freshman Prerequisites: EGC320 Minimum Grade of C- and EGC331 Minimum Grade of C- and EGC332 Minimum Grade of C-

## EGC445 VLSI Design (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Electrical Engineering (517), Mechanical Engineering (521), Computer Engineering (518); May not be enrolled in the following class: Freshman
Prerequisites: EGC220 Minimum Grade of C- and EGC221 Minimum Grade of C- and EGE320 Minimum Grade of C- and EGE322 Minimum Grade of C-
Corequisites: EGC446

## EGC446 VLSI Design Laboratory (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Electrical Engineering (517), Mechanical Engineering (521), Computer Engineering (518); May not be enrolled in the following class: Freshman
Corequisites: EGC445

## EGC447 Functional Verification of Hardware Systems (3)

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.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Electrical Engineering (517), Mechanical Engineering (521), Computer Engineering (518); May not be enrolled in the following class: Freshman
Prerequisites: (EGC450 Minimum Grade of C- or EGC320 Minimum Grade of C-)

## EGC451 Real-Time Systems (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Electrical Engineering (517), Mechanical Engineering (521), Computer Engineering (518); May not be enrolled in the following class: Freshman

Prerequisites: CPS310 Minimum Grade of C- and (EGC433 Minimum Grade of C- or EGC416 Minimum Grade of C-)

## EGC455 System-on-Chip (SoC) (3)

System-on-chip (SoC) design methodology and IP (intellectual property) reuse, system modeling and analysis, hardware/software co-design, behavioral synthesis, embedded software, reconfigurable computing, design verification and test, and design space exploration.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Computer Engineering (518), Electrical Engineering (517), Mechanical Engineering (521); May not be enrolled in the following class: Freshman
Prerequisites: EGC433 Minimum Grade of C- and EGC320 Minimum Grade of C-
EGC493 Computer Engineering Selected Topics (1-12; may be repeated for credit) Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: EGE230 Minimum Grade of C- or EGE220 Minimum Grade of C-
EGC494 Fieldwork Computer Engineering
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman

## EGC495 Independent Study Computer Engineering

No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## Electrical Engineering

## EGE193 Engineering Selected Topic

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## EGE200 Circuit Analysis (3)

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.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Electrical Engineering (517), Undeclared:Pre-Engineering (00EN), Mechanical Engineering (521)
Prerequisites: PHY202 Minimum Grade of C- and MAT359 Minimum Grade of C-
Corequisites: EGE201

## EGE201 Circuits Laboratory (1)

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.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Mechanical Engineering (521), Computer Engineering (518), Electrical Engineering (517), Undeclared:PreEngineering (00EN)
Prerequisites: PHY202 Minimum Grade of C- and MAT359 Minimum Grade of C-
Corequisites: EGE200
EGE293 Engineering Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: PHY202 Minimum Grade of C-

## EGE295 Independent Study Electrical Engineering

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## EGE302 Antenna Laboratory (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGE445 Minimum Grade of C-*
*May be taken at the same time

## EGE303 Microwave Fundamentals Laboratory (1)

Measurement of VSWR and wavelength in waveguides, stub tuners and matching, calibration of attenuators, time domain reflectometry and frequency domain network analyzer measurement.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGE342

## EGE306 Microwaves Circuits Laboratory (1)

Design, build and test planar microwave devices such as power divider, coupler, filter, mixer, amplifier, and oscillator.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman

## EGE311 Signals and Systems (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517), Engineering (EGG); May not be enrolled in the following class: Freshman
Prerequisites: EGE200 Minimum Grade of C- or EGE250 Minimum Grade of C-

## EGE320 Electronics I (3)

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.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517), Engineering (EGG); May not be enrolled in the following class: Freshman
Prerequisites: EGE200 Minimum Grade of C- or EGE250 Minimum Grade of C-
Corequisites: EGE322

## EGE321 Electronics II (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517), Engineering (EGG); May not be enrolled in the following class: Freshman
Prerequisites: EGE320 Minimum Grade of C-
Corequisites: EGE323
EGE322 Electronics I Laboratory (1)
Laboratory exercises covering op-amps, characterization of diodes, BJT, and MOSFET, diode circuits, biasing and amplication of BJT and MOSFET, including simple current source.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517), Engineering (EGG); May not be enrolled in the following class: Freshman
Corequisites: EGE320

## EGE323 Electronics II Laboratory (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517), Engineering (EGG); May not be enrolled in the following class: Freshman
Corequisites: EGE321

## EGE331 Computer Simulation (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGE200 Minimum Grade of C-* or EGE250 Minimum Grade of C-*
*May be taken at the same time

## EGE340 Applied Electromagnetics (3)

Transmission line theory. Graphical solutions using Smith Chart. Impedance matching. Transients on lossless lines. Electrostatis, capacitance and electric energy. Magnetostatic, inductance and magnetic energy. Maxwell's equations, the wave equation, and uniform plane waves.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Computer Engineering (518), Electrical Engineering (517), Engineering (EGG), Mechanical Engineering (521); May not be enrolled in the following class: Freshman Prerequisites: (EGE200 Minimum Grade of C- or EGE250 Minimum Grade of C-) and MAT353 Minimum Grade of C -

## EGE342 Microwave Fundamentals (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Computer Engineering (518), Electrical Engineering (517), Engineering (EGG), Mechanical Engineering (521); May not be enrolled in the following class: Freshman Prerequisites: EGE340 Minimum Grade of C-

## EGE350 Electric Energy Systems (3)

Electric energy generation by using resources such as fossil fuels, nuclear, wind, water, and waves. Power plant equipment, such a s boilers, reactors, turbines, generators, transformers and switchgear. Electric power transmission, distribution, utilization and conversion to other energy forms.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Electrical Engineering (517), Mechanical Engineering (521); May not be enrolled in the following class: Freshman
Prerequisites: EGE340 Minimum Grade of C-
Corequisites: EGE351

## EGE351 Electric Energy Systems Laboratory (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Electrical Engineering (517), Mechanical Engineering (521); May not be enrolled in the following class: Freshman
Corequisites: EGE350
EGE393 Engineering Selected Topics (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

EGE399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EGE412 Communication Systems (3)

Signal analysis, signal transmission. Digital communication systems. Amplitude modulation; angle modulation.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Electrical Engineering (517), Mechanical Engineering (521); May not be enrolled in the following class: Freshman
Prerequisites: EGE311 Minimum Grade of C-
EGE413 Communication Systems Laboratory (1)
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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Electrical Engineering (517), Mechanical Engineering (521); May not be enrolled in the following class: Freshman
Prerequisites: (EGE412 Minimum Grade of C- or EGE312 Minimum Grade of C-)

## EGE416 Control Systems (3)

Feedback and robustness; transfer function, block diagram and signal-flow graph: Mason's gain formula; stability: Routh-Hurtwitz array; steady-state error; state-space: relation to transfer function, state-diagram; design of PID controllers; design of state-feedback controllers.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Electrical Engineering (517), Mechanical Engineering (521); May not be enrolled in the following class: Freshman
Prerequisites: EGE311 Minimum Grade of C- or EGM312 Minimum Grade of C-

## EGE417 Digital Control Systems (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Electrical Engineering (517), Mechanical Engineering (521); May not be enrolled in the following class: Freshman
Prerequisites: EGE416 Minimum Grade of C-

## EGE418 Control Systems Laboratory (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Electrical Engineering (517), Mechanical Engineering (521); May not be enrolled in the following class: Freshman
Prerequisites: EGE416 Minimum Grade of C-*
*May be taken at the same time

## EGE421 Microelectronic Technology (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGE320 Minimum Grade of C-

## EGE422 Electronic Design Automation Lab (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGC331 Minimum Grade of C-*
*May be taken at the same time

## EGE423 Solid State Devices (3)

This course introduces the basics of semiconductor physics and modeling and devices such as pn junction diode, bipolar transistor, metal-semiconductor contacts, field effect translator (MESFET and MOSFET), optical (solar cell LED, laser diode), power and microwave devices.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGE320 Minimum Grade of C-

## EGE424 Microelectronic Technology Lab (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGE320 Minimum Grade of C- and EGE436 Minimum Grade of C-*
*May be taken at the same time

## EGE435 VLSI Design (3)

Introduction to MOS devices and circuits (N-MOS, CMOS), MOS transistor theory. Integrated system processing technology and design rules ( $\mathrm{N}-\mathrm{MOS}$ and CMOS), circuit characterization and performance estimation, $\mathrm{N}-\mathrm{MOS}$ and CMOS circuits and logic design. Interfacing. Introduction to VLSI design tools. Testability analysis. Microarchitecture of VLSI systems. Chip design projects.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: (EGC230 Minimum Grade of C- or EGC220 Minimum Grade of C-) and EGE320 Minimum Grade of C-

## EGE445 Antenna Systems (3)

Antenna parameters, wire antennas, arrays of wire antennas, aperture and printed circuit type antennas, reflectors and feeds.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGE340 Minimum Grade of C-

## EGE446 Antenna Systems Laboratory (1)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGE445 Minimum Grade of C-*
*May be taken at the same time

## EGE451 Electromechanical Energy Conversion (3)

Advanced topics in electromechanical energy conversion and drives. Transformers. Induction machines, three phase and single phase, Synchronous machines, Electric drives, Induction generators.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Computer Engineering (518), Electrical Engineering (517), Engineering (EGG), Mechanical Engineering (521); May not be enrolled in the following class: Freshman Prerequisites: EGE350 Minimum Grade of C-

## EGE452 Electric Power Systems (3)

Energy sources, transmission line parameters, transmission line modeling, power flow analysis, voltage and frequency control.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Computer Engineering (518), Electrical Engineering (517), Engineering (EGG), Mechanical Engineering (521); May not be enrolled in the following class: Freshman Prerequisites: EGE350 Minimum Grade of C-

## EGE455 Electromechanical Energy Conversion Laboratory (1)

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 be enrolled in one of the following field(s) of study (major, minor or concentration): Computer Engineering (518), Electrical Engineering (517), Mechanical Engineering (521); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course Prerequisites: EGE451 Minimum Grade of C-*
*May be taken at the same time
EGE493 Engineering Selected Topics (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EGE494 Fieldwork Engineering

Complete a prearranged and supervised industry-based project and submit a final technical report.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EGE495 Independent Study Electrical Engineering

Selected research areas specific to faculty.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

## Mechanical Engineering

## EGM101 Design With Additive Manufacturing (1)

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.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Mechanical Engineering (521)
Prerequisites: EGG101 Minimum Grade of C-* and PHY201 Minimum Grade of C- and PHY211 Minimum Grade of C-

* May be taken at the same time


## EGM193 Mechanical Engineering Selected Topics

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate

## EGM201 Design Using Reverse Engineering (1)

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.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Mechanical Engineering (521)
Prerequisites: EGM101 Minimum Grade of C-

## EGM211 Statics (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Mechanical Engineering (521), Electrical Engineering (517)
Prerequisites: PHY201 Minimum Grade of C- and PHY211 Minimum Grade of C- and MAT252 Minimum Grade of C -

## EGM212 Dynamics (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Mechanical Engineering (521)

Prerequisites: EGM211 Minimum Grade of C- and MAT359 Minimum Grade of C-*

* May be taken at the same time


## EGM221 Engineering Materials (3)

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 diffusion, phase quilibria, and micro-structural development. Applications to design.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in the following major: Mechanical Engineering (521)
Prerequisites: CHE201 Minimum Grade of C- and CHE211 Minimum Grade of C-
EGM293 Mechanical Engineering Selected Topics (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate

## EGM295 Independent Study Mechanical Engineering

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate

## EGM301 Design of Measurement Instrumentation (1)

Building upon the practical experiences in EGM 101 \& EGM 201, 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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGM101 Minimum Grade of C-

EGM302 Finite Element Analysis (3)
An introduction to the theory and practice of the finite element methods. One and two dimensional elements are studied, including structural elements. Primary fields of applications are strength of materials (deformation and stress analysis), dynamics, and heat transfer. Extensive use of commercial finite element software packages, through in-class (hands-on) experiences, and a course project.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGM322 Minimum Grade of C- and EGM331 Minimum Grade of C- and EGM332 Minimum Grade of C- and EGM334 Minimum Grade of C-*
*May be taken at the same time

## EGM311 Kinematics of Machines (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGM212 Minimum Grade of C-

## EGM312 System Dynamics (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGM311 Minimum Grade of C- and (EGE200 Minimum Grade of C- or EGE250 Minimum Grade of C-) and (EGE201 Minimum Grade of C- or EGE209 Minimum Grade of C-)

## EGM322 Mechanics of Materials (3)

Integrated approach to mechanics of materials. Topics include: stress and strain in structural elements; mechanical properties of materials; extension; torsion and bending of members; thermal stress; pressure vessels; static indeterminacy, stress transformation, Mohr's circle, strain energy, failure criteria, and buckling.
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGM221 Minimum Grade of C-
Corequisites: EGM323

## EGM323 Materials Lab (1)

Study of the properties, behavior, and performance of engineering materials including: stressstrain relations, strength, deformation, fracture, creep, and cyclic fatigue. 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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Corequisites: EGM322

## EGM331 Thermodynamics (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: CHE201 Minimum Grade of C- and CHE211 Minimum Grade of C- and PHY202 Minimum Grade of C- and PHY212 Minimum Grade of C- and MAT252 Minimum Grade of C-

## EGM332 Fluid Mechanics (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGM212 Minimum Grade of C- and EGM331 Minimum Grade of C-* and MAT359 Minimum Grade of C-

* May be taken at the same time


## EGM333 Thermo-Fluids Lab

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.

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGM331 Minimum Grade of C-*

* May be taken at the same time

Corequisites: EGM332

## EGM334 Heat Transfer (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGM331 Minimum Grade of C- and EGM332 Minimum Grade of C- and (EGE200 Minimum Grade of C- or EGE250 Minimum Grade of C-) and (EGE201 Minimum Grade of C- or EGE209 Minimum Grade of C-)

## EGM335 Thermo System Design (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGM331 Minimum Grade of C-
EGM393 Mechanical Engineering Selected Topics (1-12; may be repeated for credit) Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EGM441 Mechanical Vibrations (3)

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: EGM212 Minimum Grade of C- and MAT362 Minimum Grade of C-
EGM493 Mechanical Engineering Selected Topics (1-12; may be repeated for credit) Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

## EGM494 Fieldwork Mechanical Engineering

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

EGM495 Independent Study Mechanical Engineering
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

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## Environmental Geochemical Science

Phone: (845) 257-3760
Location: Wooster Science Building, Room 202
Web address: www.newpaltz.edu/envscience
Environmental Geochemical Science (EGS) is an interdisciplinary undergraduate degree program administered by the Department of Geology, focusing on the environmental aspects of Geology and Chemistry. Through formal courses, laboratories, and research projects, students develop an awareness of the geological and chemical processes that impact society and the environment. Both a major and a minor in Environmental Geochemical Science are offered.

In the major program, a sophomore-level survey course, EGS370 Environmental Geochemical Science, 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 Physical Geology (GLG201) and Physical Geology Lab (GLG211), General Chemistry I (CHE201) and General Chemistry I Lab (CHE211), and Calculus I (MAT251) in their first semester, followed by General Physics I (PHY201) and Physics I Lab (PHY211), General Chemistry II (CHE202) and General Chemistry II Lab (CHE212), and Calculus II (MAT252) 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 Geochemical 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 Geochemical Science program: Prof. Shafiul Chowdhury, chowdhus@newpaltz.edu, (845) 2572618.

## Major in Environmental Geochemical Science (71-74 credits)

Note: Students must earn a grade of C- or better in all courses required for the EGS major. See the department's Advising Guidelines for additional information.

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Geology
GLG201 Physical Geology (3)
GLG211 Physical Geology Lab (1)
GLG303 Geomorphology (4)
GLG339 Natural Resources \& Energy (3)
GLG407 Hydrogeology (4)
``` 15 credits
\begin{tabular}{|c|c|}
\hline & Chemistry............................................... 20 credits \\
\hline & CHE201 General Chemistry I (3) \\
\hline & CHE211 General Chemistry I Lab (1) \\
\hline & CHE202 General Chemistry II (3) \\
\hline & CHE212 General Chemistry II Lab (1) \\
\hline & CHE318 Organic Chemistry I (3) \\
\hline & CHE306 Organic Chemistry I Lab (1) \\
\hline & CHE303 Introduction to Analytical Chemistry (4) \\
\hline & CHE407 Instrumental Techniques (4) \\
\hline & Environmental Geochemical Science........ 15 credits \\
\hline & EGS370 Introduction to Environmental Geochemical Science (4) \\
\hline & EGS475 Environmental Geochemical Science Research Project 1 (3) \\
\hline & EGS477 Senior Seminar in Environmental Science (1) \\
\hline & One of the following: \\
\hline & GLG311 Mineralogy-Crystallography (4) \\
\hline & BIO340 Ecology (4) \\
\hline & One of the following: \\
\hline & GLG346 Environmental Impact Assessment (3) \\
\hline & GEO406 Natural Resource Utilization \& Management (3) \\
\hline & Cognate courses.................................15-16 credits \\
\hline & GEO383 Introduction to Geographic Information Systems (4) \\
\hline & MAT251 Calculus I (4) \\
\hline & PHY201 General Physics I (3) \\
\hline & PHY211 Physics I Lab (1) \\
\hline & One of the following, by advisement: \\
\hline & MAT241 Introduction to Statistics (3) \\
\hline & MAT252 Calculus II (4) \\
\hline & Electives...........................................6-8 credits \\
\hline & Minimum of two (2) electives chosen from the following: \\
\hline & BCM461 Biochemistry I (3) and BCM463 Biochemistry Lab (1) \\
\hline & BIO293 Biology selected topic (3) \\
\hline & BIO301 Field Biology Fall (3) \\
\hline & CHE319 Organic Chemistry II (3) and CHE309 Organic Chemistry II Lab (1) \\
\hline & CHE321 Physical Chemistry I (3) \\
\hline & CHE593 Environmental Aquatic Chemistry (3) \\
\hline & EGG250 Renewable Energy (3) \\
\hline & EGS476 Environmental Geochemical Science Research Project 2 (3) \\
\hline & GEO382 Remote Sensing (4) \\
\hline
\end{tabular}

GLG331 Stratigraphy-Sedimentation (4)
GLG405 Structure \& Tectonics (4)
GLG509 Water Resources Conservation \& Management (3)

\section*{Minor in Environmental Geochemical 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 towards fulfilling the requirements for majoring in Environmental Geochemical Science, Chemistry or Geology.

It is strongly recommended that students consult with Prof. Shafiul Chowdhury, Director of the Environmental Science Program, chowdhus@newpaltz.edu, (845) 257-2618.

Note: Students must earn a grade of C- or better in all courses required for the EGS minor.
Core courses 16 credits
GLG201 Physical Geology (3)
GLG211 Physical Geology Lab (1)
CHE201 General Chemistry I (3)
CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3)
CHE212 General Chemistry II Lab (1)
EGS370 Environmental Geochemical Science (4)
Elective courses.
. \(6-8\) credits
GLG303 Geomorphology (4)
GLG311 Mineralogy-Crystallography (4)
GLG339 Natural Resources \& Energy (3)
GLG346 Environmental Impact Assessment (3)
GLG407 Hydrogeology (4)
EGS475 Environmental Geochemical Science Research Project 1 (3)
EGS476 Environmental Geochemical Science Research Project 2 (3)
EGS477 Senior Seminar in Environmental Science (1)
CHE303 Introduction to Analytical Chemistry (4)
CHE318 Organic Chemistry (3)
CHE306 Organic Chemistry Lab (1)
BIO340 Ecology (4)
GEO383 Introduction to Geographic Information Systems (4)
GLG509 Water Resources Conservation \& Management (3)

\section*{Course Descriptions}

Environmental Geochemical Science is an interdisciplinary program whose courses are based in a variety of academic areas. Descriptions of courses based in Environmental Geochemical Science ("EGS" courses) appear below. Courses based in other academic areas are listed here and described elsewhere in this catalog. Please refer to the course's subject code (the first three letters of the course number) to determine where the course is based and where its description will be found:

Subject codes for Environmental Geochemical Science courses:
BIO - Biology EGG - Engineering (General)

\author{
GLG - Geology
}

CHE - Chemistry GEO - Geography
- BIO340 Ecology (4)
- CHE201 General Chemistry I (3)
- CHE202 General Chemistry II (3)
- CHE211 General Chemistry I Lab (1)
- CHE212 General Chemistry II Lab (1)
- CHE303 Introduction to Analytical Chemistry (4)
- CHE318 Organic Chemistry I (3)
- CHE407 Instrumental Techniques (4)

EGS370 Environmental Geochemical Science (4)
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: May not be enrolled in the following class: Freshman
Prerequisites: CHE202 Minimum Grade of C- and (GLG201 Minimum Grade of C- or GLG220 Minimum Grade of C-)

EGS475 Environmental Geochemical Sciences Research Project 1 (3)
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.

\section*{Attributes: Liberal Arts}

Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Environmental Geochem Science (519), Geology (510); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

EGS476 Environmental Geochemical Science Research Project 2 (3)
Continuation of EGS475.

Attributes: Liberal Arts
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course Prerequisites: EGS475 Minimum Grade of C-

\section*{EGS477 Senior Seminar in Environmental Science (1)}

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 aspects of their work.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Environmental Geochem Science (519), Geology (510); May not be enrolled in one of the following classes: Sophomore, Freshman
Prerequisites: EGS475 Minimum Grade of C-
- GEO406 Natural Resources: Utilization and Management (3)
- GLG201 Physical Geology (3)
- GLG211 Physical Geology Lab (1)
- GLG301 Historical Geology (4)
- GLG339 Natural Resources and Energy (3)
- GLG346 Environmental Impact Assessment (3)
- GLG407 Hydrogeology (4)
- MAT241 Introduction to Statistics (3)
- MAT251 Calculus I (4)
- MAT252 Calculus II (4)
- PHY201 General Physics I (3)
- PHY211 Physics I Lab (1)

\section*{Geology}

Phone: (845) 257-3760
Location: Wooster Science Building, Room 202
Web address: www.newpaltz.edu/geology
The Department of Geology offers both undergraduate and graduate degree programs. Through formal courses, field work, and research projects, students develop an awareness of the geological processes that shape our planet, and their impact on society and the environment. The undergraduate major in geology offers concentrations in General Geology and Environmental Geoscience and leads to either a Bachelor of Arts (BA) or a Bachelor of Science (BS) degree. 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.

Elementary education and secondary education concentrations in Earth Science are offered at both the undergraduate and graduate levels. These programs are described under the School of Education listings. An undergraduate degree in Environmental Geochemical Science, also offered by the Department of Geology, has a separate listing in this catalog. A minor in geology is available for those majoring in other fields.

Interdisciplinary in nature, the undergraduate degree in geology requires courses in geology and cognate areas. The General Geology option is recommended for those contemplating graduate work in the geological sciences. For any of the geology programs, Physical Geology (GLG201 and GLG211 lab) should be taken in the fall semester of the freshman year, followed by Historical Geology (GLG202) in the spring. General Chemistry I (CHE201 and CHE211 lab), General Chemistry II (CHE202 and CHE212 lab) and Calculus I (MAT251) 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 SUNY 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).

It is important that all students seek advising early on 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 advisors' aid, and seeking their advisor's approval of elective courses before taking the courses. Additional advising information is available in the department office.

Students must earn a grade of C - or better in all courses required for the geology major or minor.
For non-majors interested in geology, or those considering a geology minor, the recommended sequence is Physical Geology (GLG201 and GLG211 lab) followed by Historical Geology (GLG202).

\section*{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 SUNY New Paltz and other schools, identify whether or not he or she is suited for graduate work.

In order to enroll in Honor's Research (GLG491) 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.

\section*{Major in Geology}

\section*{General Track (59-60 credits)}

Geology core. \(\qquad\) .24 credits
GLG201 Physical Geology (3)
GLG211 Physical Geology Lab (1)
GLG202 Historical Geology (4)
GLG311 Mineralogy-Crystallography (4)
GLG314 Petrology (4)
GLG331 Stratigraphy-Sedimentation (4)
GLG405 Structure and Tectonics (4)
Geological science courses............................. 12 credits
GLG303 Geomorphology (4) or GLG305 Paleontology (4)
GLG407 Hydrogeology (4)
GLG435 Field Geology (4)

\section*{Cognate courses.............................................23-24 credits}

CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3) and CHE212 General Chemistry II Lab (1)
MAT251 Calculus I (4)
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
One of the following by advisement:
MAT241 Introduction to Statistics (3)
MAT252 Calculus II (4)
One of the following by advisement:
PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)
PHY222 Fundamental Physics II (3) and PHY232 Fundamental Physics II Lab (1)

\section*{Recommended courses:}

BIO201 General Biology I (3) and BIO211 General Biology I Lab (1)
BIO202 General Biology II (3) and BIO212 General Biology II Lab (1)
CPS210 Computer Science I: Foundations (4)
GEO383 Introduction to Geographic Information Systems (4)
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)
Geology core24 credits
GLG201 Physical Geology (3)
GLG211 Physical Geology Lab (1)
GLG202 Historical Geology (4)
GLG311 Mineralogy-Crystallography (4)
GLG314 Petrology (4)
GLG331 Stratigraphy-Sedimentation (4)
GLG405 Structure and Tectonics (4)
Geological science courses. 11 credits
GLG339 Natural Resources and Energy (3) or GLG346 Environmental Impact Assessment (3)
GLG303 Geomorphology (4)
GLG407 Hydrogeology (4)
Cognate courses ..... 23-24 credits
CHE201 General Chemistry I (3) and CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3) \& CHE212 General Chemistry II Lab (1)
MAT251 Calculus I (4)
PHY201 General Physics I (3) and PHY211 Physics I Lab (1)
One of the following by advisement:
MAT241 Introduction to Statistics (3)
MAT252 Calculus II (4)
One of the following by advisement:
PHY202 General Physics II (3) and PHY212 General Physics II Lab (1)
PHY222 Fundamental Physics II (3) and PHY232 Fundamental Physics II Lab (1)
Recommended courses:
BIO201 General Biology I (3) and BIO211 General Biology I Lab (1)
BIO202 General Biology II (3) and BIO212 General Biology II Lab (1)
CPS210 Computer Science I: Foundations (4)
GEO383 Introduction to Geographic Information Systems (4)
Minor in Geology (18 credits)
Required courses.
\(\qquad\) .8 credits
GLG201 Physical Geology (3)
GLG211 Physical Geology Lab (1)
GLG202 Historical Geology (4)

Elective courses. \(\qquad\) 10 credits
A minimum of ten credits from any of the following:
Geology courses:
GLG305 Paleontology (4)
GLG311 Mineralogy and Crystallography (4)
GLG313 Optical Mineralogy (3)
GLG314 Petrology (4)
GLG331 Stratigraphy-Sedimentation (4)
GLG405 Structure and Tectonics (4)
Environmental Geoscience courses:
GLG120 Weather and Environment (4)
GLG205 Environmental Geology (4)
GLG339 Natural Resources and Energy (3)
GLG346 Environmental Impact Assessment (3)
The college also offers an interdisciplinary minor in Environmental Geochemical Science, described elsewhere in this catalog.

\section*{Course Descriptions: Geology}

GLG120 Weather and Environment (4)
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: Liberal Arts, Civic Engagement, GE3: NSCI, Systematic Inquiry

\section*{GLG193 Geological Selected Topic}

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

GLG199 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

\section*{GLG201 Physical Geology (3)}

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: Liberal Arts, Civic Engagement, Field Study, GE3: NSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate
Corequisites: GLG211

\section*{GLG202 Historical Geology (4)}

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: Liberal Arts, Civic Engagement, Field Study; GE3: NSCI
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: GLG201 Minimum Grade of C- or GLG220 Minimum Grade of C-

\section*{GLG205 Environmental Geology (4)}

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: Liberal Arts, Civic Engagement, Field Study, GE3: NSCI, Systematic Inquiry
GLG211 Physical Geology Laboratory (1)
Laboratory study of minerals, rocks, topographic maps, and geologic maps. Field trips.
Attributes: Liberal Arts, Civic Engagement, Field Study
Restrictions: Must be enrolled in the following level: Undergraduate
Corequisites: GLG201

GLG293 Geological Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

GLG295 Independent Study Geology
No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

\section*{GLG299 Physical Geology Field Excursion (1)}

No description is available for this course.
Corequisites: GLG201
GLG303 Geomorphology (4)
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.

\footnotetext{
Attributes: Liberal Arts, Civic Engagement, Field Study, Practicum/Non-Clinical
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: (GLG201 Minimum Grade of C- or GLG220 Minimum Grade of C-) and (Math Placement Level 5 or MAT181 Minimum Grade of C-)
}

\section*{GLG305 Paleontology (4)}

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: Liberal Arts, Field Study, Practicum/Non-Clinical
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: GLG301 Minimum Grade of C-

\section*{GLG311 Mineralogy and Crystallography (4)}

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: Liberal Arts, Field Study, Practicum/Non-Clinical
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: CHE201 Minimum Grade of C- and (GLG201 Minimum Grade of C- or GLG220 Minimum Grade of C-)

\section*{GLG313 Optical Mineralogy (3)}

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: May not be enrolled in the following class: Freshman
Corequisites: GLG311

\section*{GLG314 Petrology (4)}

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: Liberal Arts, Field Study, Practicum/Non-Clinical
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: CHE202 Minimum Grade of C- and GLG311 Minimum Grade of C-

\section*{GLG331 Stratigraphy-Sedimentation (4)}

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: Liberal Arts, Writing Intensive, Creative Works, Field Study
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: GLG301 Minimum Grade of C- and (Math Placement Level 5 or MAT181 Minimum Grade of C-)
GLG334 Principles of Oceanography (4)
The physical, chemical, geological, biological, and economic aspects of the science of
oceanography; properties of seawater, ocean dynamics, coastal processes, marine sediments, seafloor spreading, and continental drift, sea life fisheries, petroleum and the sea, marine technology, etc. Field trips. Laboratory.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

\section*{GLG339 Natural Resources and Energy (3)}

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: May not be enrolled in the following class: Freshman

\section*{GLG346 Environmental Impact Assessment (3)}

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: Liberal Arts, Writing Intensive, Civic Engagement, Creative Works
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: GLG205 Minimum Grade of C- or (GLG201 Minimum Grade of C- or GLG220 Minimum Grade of C-)

\section*{GLG370 Environmental Geochemical Science (4)}

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.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: CHE202 Minimum Grade of C- and (GLG201 Minimum Grade of C- or GLG220 Minimum Grade of C-)

GLG393 Geological Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

GLG399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
GLG405 Structure and Tectonics
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: Liberal Arts, Writing Intensive, Field Study, Practicum/Non-Clinical
Restrictions: May not be enrolled in the following class: Freshman

Prerequisites: (GLG201 Minimum Grade of C- or GLG220 Minimum Grade of C-) and GLG331 Minimum Grade of C- and PHY201 Minimum Grade of C- and (Math Placement Level 5 or MAT181 Minimum Grade of C-)

\section*{GLG407 Hydrogeology (4)}

Physical properties of groundwater flow, well hydraulics, water quality, the occurrences and distribution of groundwater, and to refine general quantitative and computer skills.

Attributes: Liberal Arts, Civic Engagement, Field Study
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: (GLG201 Minimum Grade of C- or GLG220 Minimum Grade of C-) and PHY201 Minimum Grade of C- and CHE201 Minimum Grade of C- and (Math Placement Level 5 or MAT181 Minimum Grade of C-)

\section*{GLG435 Field Geology (4)}

Problems and methods of geological field study. Use of the Brunton compass, plane table, alidade, the construction of a geologic map, the solving of a geologic field problem and the writing of a report. Primarily taught in the field.

Attributes: Liberal Arts, Creative Works, Field Study, Practicum/Non-Clinical, Research
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: GLG338 Minimum Grade of C-* or GLG405 Minimum Grade of C-*
*May be taken at the same time

\section*{GLG446 Paleoclimatology (3)}

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: Liberal Arts, Creative Works, Field Study, Civic Engagement, Practicum/Non-Clinical
Restrictions: Must be enrolled in one of 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-

\section*{GLG475 Geology Research Project 1 (3)}

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Environmental Geochem Science (519), Geology (510); Must be enrolled in the following class: Senior; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

\section*{GLG476 Geology Research Project 2 (3)}

Continuation of GLG475.

\section*{Attributes: Liberal Arts}

Restrictions: Must be enrolled in one of the following majors: Environmental Geochem Science (519), Geology (510); May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
Prerequisites: GLG475 Minimum Grade of C-

\section*{GLG477 Senior Seminar in Environmental Science (1)}

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 be enrolled in one of the following majors: Environmental Geochem Science (519), Geology (510); May not be enrolled in the following class: Freshman

Prerequisites: GLG475 Minimum Grade of C- or CHE475 Minimum Grade of C- or BIO475 Minimum Grade of C-

\section*{GLG481 Field Excursion (1-3)}

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: Liberal Arts, Field Study, Int. \& Domestic Travel Exchange
Restrictions: May not be enrolled in the following class: Freshman

\section*{GLG490 Seminar in Geology (2-4)}

Current problems and projects in geology. Developing ability to evaluate evidence critically and to understand current geological literature.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
GLG491 Honors Research (4; may be repeated for credit)
Individual advanced research in geology. Students are expected to complete a research thesis in consultation with instructor and chair.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman

\section*{GLG492 Research in Geology (1-4)}

Laboratory or field research project to be completed in consultation with a geology faculty member in accord with the department guidelines for research.

Attributes: Liberal Arts, Creative Works, Field Study, Research
Restrictions: May not be enrolled in the following class: Freshman
GLG493 Geological Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: May not be enrolled in the following class: Freshman

\section*{GLG494 Fieldwork in Geology}

No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

GLG495 Independent Study Geology
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

GLG499 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman

\section*{Faculty}

\section*{Bartholomew, Alexander}

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\author{
Vollmer, Frederick
}

Chair/Professor
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\section*{Mathematics}

Phone: (845) 257-3532
Location: Faculty Office Building Room E-2
Web address: www.newpaltz.edu/math
The Department of Mathematics offers undergraduate majors in Mathematics, Adolescence Education Mathematics and Early Childhood \& Childhood Education Mathematics. 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 and Early Childhood \& Childhood Education 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 Calculus I or Calculus II with a grade of B- or better, a student may declare the Mathematics or Adolescence Education-Mathematics major; to declare the Mathematics concentration in Early Childhood \& Childhood Education, students must complete Calculus I or 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.

\section*{Summary of Math Placement Levels and What They Mean:}
\begin{tabular}{|c|c|l|}
\hline \begin{tabular}{l} 
ALEKS \% \\
score
\end{tabular} & \begin{tabular}{l} 
Will assign \\
an MPL of:
\end{tabular} & \begin{tabular}{l} 
Math courses you are eligible to take \({ }^{\mathbf{1}}\) (those with a prerequisite \\
less than or equal to your MPL)
\end{tabular} \\
\hline \(0-45\) & 2 & \begin{tabular}{l} 
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
\end{tabular} \\
\hline \(46-60\) & 3 & \begin{tabular}{l} 
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
\end{tabular} \\
\hline \(61-79\) & 4 & \begin{tabular}{l} 
MAT171 Mathematical Methods for Business - for business majors \\
only \\
MAT181 Precalculus \\
MAT241 Introduction to Statistics
\end{tabular} \\
\hline \(80-100\) & 5 & \begin{tabular}{l} 
MAT251 Calculus I \\
MAT260 Introduction to Proof
\end{tabular} \\
\hline & & \\
\hline & & \begin{tabular}{l} 
MAlways 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.
\end{tabular} \\
\hline & & \\
\hline
\end{tabular}

\section*{Major in Mathematics (53 credits)}

Required Mathematics courses 36 credits
MAT251 Calculus I (4)
MAT252 Calculus II (4)
MAT260 Introduction to Proof (3)
MAT303 Foundations of Analysis (3)
MAT304 Foundations of Algebra (3)

MAT431 Real Analysis I (3)
MAT353 Calculus III (4)
MAT359 Ordinary Differential Equations (3) OR MAT341 Applied Math I (3)
MAT362 Linear Algebra (3)
MAT441 Abstract Algebra I (3)
MAT381 Probability and Statistics I (3)
Elective courses. 9 credits
A total of 9 credits in mathematics courses at the 300 level or above, selected from the following:
MAT310 Number Theory (3)
MAT331 Axiomatic Geometry (3)
MAT332 Modern Geometry (3)
MAT342 Applied Mathematics II (3)
MAT354 Calculus IV (3)
MAT363 Combinatorics (3)
MAT375 Numerical Methods (3)
MAT382 Probability \& Statistics II (3)
MAT393 Math Selected Topic
MAT432 Real Analysis II (3)
MAT442 Abstract Algebra II (3)
MAT483 Actuarial Mathematics (3)
MAT488 Partial Differential Equations (3)
MAT490 Research in Mathematics
MAT493 Math Selected Topic
MAT495 Independent Study Mathematics
These courses may not be used to fulfill the upper-division elective requirement: MAT320, MAT341, MAT359, MAT380, MAT399.

Required cognate courses. 8 credits
PHY201 General Physics I (3) + PHY211 Physics I Lab (1)
and
PHY202 General Physics II (3) + PHY212 General Physics II Lab (1)
OR
CPS210 Computer Science I (4) and
CPS310 Computer Science II (4)
Mathematics majors must take a second sequence from the list below to meet their GE Natural Science requirement:
- PHY201 General Physics I (3), PHY211 Physics I Lab (1), PHY202 General Physics II (3), and PHY212 General Physics II Lab (1)
- CPS210 Computer Science I (4) and CPS310 Computer Science II (4)
- BIO201 General Biology I (3), BIO211 General Biology I Lab (1), BIO202 General Biology II (3), and BIO212 General Biology II Lab (1)
- CHE201 General Chemistry I (3), CHE211 General Chemistry I Lab (1), CHE202 General Chemistry II (3), and CHE212 General Chemistry II Lab (1)
- GLG201 Physical Geology (3), GLG211 Physical Geology I Lab (1), and GLG301 Historical Geology (4)
- ECO206 Principles of Microeconomics (3) and ECO207 Principles of Macroeconomics (3)

\section*{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.
Required courses 11 credits
MAT251 Calculus I (4)
MAT252 Calculus II (4)
MAT260 Introduction to Proof (3)
Electives \(\mathbf{9 - 1 0}\) credits
Three (3) upper-division mathematics electives, selected from the following:
MAT310 Number Theory (3)
MAT331 Axiomatic Geometry (3)
MAT332 Modern Geometry (3)
MAT341 Applied Mathematics I (3) OR MAT359 Ordinary Differential Equations (3)
MAT342 Applied Mathematics II (3)
MAT354 Calculus IV (3)
MAT363 Combinatorics (3)
MAT375 Numerical Methods (3)
MAT382 Probability \& Statistics II (3)
MAT393 Math Selected Topic
MAT432 Real Analysis II (3)
MAT442 Abstract Algebra II (3)
MAT483 Actuarial Mathematics (3)
MAT488 Partial Differential Equations (3)
MAT490 Research in Mathematics
MAT493 Math Selected Topic
MAT495 Independent Study Mathematics
These courses may not be used to fulfill the upper-division elective requirement: MAT320, MAT380, MAT399.

\section*{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.

Required courses. .8 credits
MAT251 Calculus I (4)
MAT252 Calculus II (4)
Electives 12-13 credits
Four (4) mathematics electives, chosen from the following:
MAT241 Introduction to Statistics (3)
MAT341 Applied Mathematics I (3)
MAT342 Applied Mathematics II (3)
MAT353 Calculus III (4)
MAT359 Ordinary Differential Equations (3)
MAT362 Linear Algebra (3)
MAT375 Numerical Methods (3)
MAT381 Probability \& Statistics I (3)
MAT382 Probability \& Statistics II (3)
MAT384 Calculus IV (3)
MAT393 Math Selected Topic
MAT488 Partial Differential Equations (3)
MAT490 Research in Mathematics
MAT493 Math Selected Topic
MAT495 Independent Study Math

\section*{Course Descriptions: Mathematics}

MAT053 College Algebra A (0)
Review. Linear and quadratic equations. Inequalities. Factoring, multiplying and dividing algebraic expressions. Coordinate geometry. Together, this course and MAT153 College Algebra B are equivalent to MAT152 College Algebra.

MAT093 Math Selected Topic (0-12 credits; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate

\section*{MAT120 College Mathematics (3)}

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: Liberal Arts; Initial College Level Math
Restrictions: Must be enrolled in the following level: Undergraduate

\section*{MAT121 College Mathematics with Supplemental Algebra Workshop (3)}

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 MAT 120 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

\section*{MAT140 Mathematics for Elementary School Teachers I (3)}

First course of a two-semester sequence covering problem solving, numeration, number theory, relations, functions, integers, rational and real numbers, statistics, probability, and the use of the calculator. Open to students seeking New York State certification in Elementary Education.

Attributes: Liberal Arts
Prerequisites: Math Placement Level 3 or MAT093 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

\section*{MAT142 Paths and Graphs (3)}

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, GE4: Mathematics, GE3: MATH, Systematic Inquiry
Prerequisites: Math Placement Level 3 or MAT0 93 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

\section*{MAT143 Mathematics in the Modern World (3)}

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, GE4: Mathematics, GE3: MATH, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: Math Placement Level 3 or MAT093 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

\section*{MAT145 Statistics and Public Policy (3)}

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: Liberal Arts, GE4: Mathematics, GE3: MATH, Information Literacy, Systematic Inquiry
Restrictions: May not be enrolled in the following field(s) of study (major, minor or concentration): Comm Disorders Cert Program (089)
Prerequisites: Math Placement Level 3 or MAT093 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

\section*{MAT152 College Algebra (3)}

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, GE4: Mathematics, GE3: MATH, Systematic Inquiry
Prerequisites: Math Placement Level 3 or MAT053 Minimum Grade of C- or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C-

\section*{MAT153 College Algebra B (3)}

Function notation, domain and range, graphing basic functions, transformations, inverse functions. Systems of linear and nonlinear equations. Together, MAT053 College Algebra A and this course are equivalent to MAT152 College Algebra.

Attributes: Liberal Arts, GE4: Mathematics, GE3: MATH, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: MAT053 Minimum Grade of C-
MAT171 Mathematical Methods for Business (3)
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 and matrices. NOTE: Not to be taken for credit by students intending to take MAT251 (Calculus I).

\author{
Attributes: Liberal Arts, GE4: Mathematics, GE3: MATH, Systematic Inquiry \\ Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following field(s) of study (major, minor or concentration): Accounting (542), Business (BUS), 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-Finance (00FI), Undeclared:Pre-Gen Business (00GB), Undeclared:Pre-Interntnl Bus (00IB), Undeclared:Pre-Management (00MG), Undeclared:Pre-Marketing (00MK) \\ Prerequisites: Math Placement Level 4 or MAT152 Minimum Grade of C- or MAT153 Minimum Grade of C-
}

\section*{MAT181 Precalculus (4)}

Topics needed for calculus: brief review of algebra; polynomial, exponential, logarithmic and trigonometric functions; trigonometry; binomial theorem; remainder and factor theorems; introduction to complex numbers; solving exponential equations, logarithmic equations and trigonometric equations.
Attributes: Liberal Arts, GE4: Mathematics, GE3: MATH, Systematic Inquiry
Prerequisites: Math Placement Level 4 or MAT152 Minimum Grade of C- or MAT193 Minimum Grade of C- or MAT153 Minimum Grade of C-

\section*{MAT184 Elements of Geometry (3)}

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, GE4: Mathematics, GE3: MATH, Systematic Inquiry
Prerequisites: Math Placement Level 3 or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C- or MAT093 Minimum Grade of C-

\section*{MAT186 Infinity (3)}

An elementary introduction to mathematical infinity and its uses. Notation for infinite sets and sequences. Difference equations. Method of exhaustion. Cardinals, ordinals, and equipotence. Independence of the Continuum Hypothesis. Intended for General Education; not part of any Math major.
Attributes: Liberal Arts, GE4: Mathematics, GE3: MATH, Systematic Inquiry
Prerequisites: Math Placement Level 3 or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C- or MAT093 Minimum Grade of C-

MAT193 Math Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

MAT240 Mathematics for Elementary School Teachers II (3)
Second course of a two-semester sequence covering problem solving, logic, analysis of geometric shapes and solids, measurement, congruence, similarity, constructions, coordinate geometry, transformations, programming in LOGO, and the use of the calculator. Open only to students seeking New York State certification in Elementary Education.

Attributes: Liberal Arts, GE4: Mathematics, GE3: MATH, Systematic Inquiry
Prerequisites: MAT140 Minimum Grade of C- and (Math Placement Level 3 or MAT120 Minimum Grade of C- or MAT121 Minimum Grade of C- or MAT093 Minimum Grade of C-)

\section*{MAT241 Introduction to Statistics (3)}

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, GE4: Mathematics, GE3: MATH, Systematic Inquiry
Prerequisites: Math Placement Level 4 or MAT152 Minimum Grade of C- or MAT193 Minimum Grade of C- or MAT153 Minimum Grade of C-

MAT251 Calculus I (4)
Single-variable calculus: limits, continuity, derivatives, extrema and other applications, mean value theorem, integrals, fundamental theorem of calculus.

Attributes: Liberal Arts; GE4: Mathematics, GE3: MATH
Prerequisites: Math Placement Level 5 or MAT181 Minimum Grade of C-

\section*{MAT252 Calculus II (4)}

A continuation of Calculus I. Techniques of integration, applications of the integral, infinite sequences and series, parametric equations, polar coordinates, separable differential equations.

Attributes: Liberal Arts
Prerequisites: Math Placement Level 6 or MAT251 Minimum Grade of C-

\section*{MAT260 Introduction to Proof (3)}

Focus on basic principles of logic, set theory, functions, and the development of mathematical reasoning. Introduction to basic techniques in writing proofs.

Attributes: Liberal Arts; Critical Thinking Introductory
Prerequisites: Math Placement Level 6 or MAT251 Minimum Grade of C-
MAT293 Math Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

MAT295 Independent Study Math (0-12 credits; may be repeated for credit)
No description is available for this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

\section*{MAT303 Foundations of Analysis (3)}

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: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: MAT260 Minimum Grade of B- and MAT252 Minimum Grade of C-

\section*{MAT304 Foundations of Algebra (3)}

Equivalence relations, elementary number theory, mathematical induction and recursion; the group of integers modulo-n and other concrete groups.

Attributes: Liberal Arts; Critical Thinking Intermediate, Information Management Intermediate
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: MAT260 Minimum Grade of C- and MAT252 Minimum Grade of C-

MAT310 Number Theory (3)
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: May not be enrolled in the following class: Freshman
Prerequisites: MAT304 Minimum Grade of C-
MAT320 Discrete Mathematics for Computing (3)
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: May not be enrolled in the following major: Mathematics (512); May not be enrolled in the following class: Freshman
Prerequisites: EGC220 Minimum Grade of C- or EGC230 Minimum Grade of C- or CPS310 Minimum Grade of C-

\section*{MAT331 Axiomatic Geometry (3)}

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
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: MAT260 Minimum Grade of C- and MAT251 Minimum Grade of C-
MAT332 Modern Geometry (3)
Euclidean and non-Euclidean geometries. Consistency proofs and Euclidean constructions.

\section*{Attributes: Liberal Arts}

Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: MAT331 Minimum Grade of C-

\section*{MAT341 Applied Mathematics I (3)}

The first of a 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: May not be enrolled in the following class: Freshman; Students may not elect the Satisfactory/ Unsatisfactory grade option for this course
Prerequisites: MAT252 Minimum Grade of C-
MAT342 Applied Mathematics II (3)
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.

\section*{Attributes: Liberal Arts}

Restrictions: May 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-)

\section*{MAT353 Calculus III (4)}

Analytic geometry in 3 dimensions, vector-valued functions, multivariate functions, partial derivatives, multiple integrals, applications, line integrals, Green's theorem, divergence, curl.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

Prerequisites: MAT252 Minimum Grade of C-
MAT354 Calculus IV (3)
Fourth semester covering differential and integral calculus. Emphasizes line and surface integral theorems, sequences, and series.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: MAT353 Minimum Grade of C-

\section*{MAT359 Ordinary Differential Equations (3)}

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
Restrictions: May not be enrolled in the following class: Freshman Prerequisites: MAT252 Minimum Grade of C-

MAT362 Linear Algebra (3)
Systems of linear equations, matrices, determinants, eigenvalues, eigenvectors, finite dimensional vector spaces and linear transformations.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: MAT252 Minimum Grade of C-

\section*{MAT363 Combinatorics (3)}

Counting arguments in different settings and their relation to probability. Functions, relations and, in particular, graphs and trees.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: MAT260 Minimum Grade of C-
MAT375 Numerical Methods (3)
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: May not be enrolled in the following class: Freshman
Prerequisites: MAT362 Minimum Grade of C- and MAT310 Minimum Grade of C-

\section*{MAT380 Applied Probability and Statistics (3)}

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 be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Computer Engineering (518), Mechanical Engineering (521), Electrical Engineering (517); May not be enrolled in the following class: Freshman
Prerequisites: MAT252 Minimum Grade of C-

\section*{MAT381 Probability and Statistics I (3)}

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: May not be enrolled in the following class: Freshman
Prerequisites: MAT252 Minimum Grade of C-
MAT382 Probability and Statistics II (3)
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: May not be enrolled in the following class: Freshman
Prerequisites: MAT381 Minimum Grade of C- and MAT353 Minimum Grade of C-
MAT393 Math Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: May not be enrolled in the following class: Freshman
MAT399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: May not be enrolled in the following class: Freshman

\section*{MAT431 Real Analysis I (3)}

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: May not be enrolled in the following class: Freshman
Prerequisites: MAT303 Minimum Grade of C- and MAT353 Minimum Grade of C-

\section*{MAT432 Real Analysis II (3)}

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: May not be enrolled in the following class: Freshman
Prerequisites: MAT321 Minimum Grade of C- or MAT431 Minimum Grade of C-

\section*{MAT441 Abstract Algebra I (3)}

Group theory from axioms; subgroups, cyclic groups, number theoretic properties of finite groups, quotient groups, isomorphisms and homomorphisms.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: MAT304 Minimum Grade of C- and MAT362 Minimum Grade of C-

\section*{MAT442 Abstract Algebra II (3)}

Elementary theory of groups and rings, integral domains and fields.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: MAT364 Minimum Grade of C- or MAT441 Minimum Grade of C-

\section*{MAT483 Actuarial Mathematics (3)}

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: May not be enrolled in the following class: Freshman
Prerequisites: MAT381 Minimum Grade of C-
MAT488 Partial Differential Equations (3)
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: May not be enrolled in the following class: Freshman
Prerequisites: MAT359 Minimum Grade of C-
MAT490 Research in Mathematics (1-12; may be repeated for credit)
Individual research in Mathematics under faculty supervision. Interested students should contact the department or approach a particular professor.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

MAT493 Math Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: May not be enrolled in the following class: Freshman
MAT495 Independent Study Math (1-12; may be repeated for credit)
No description is available for this course.
Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course

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\section*{Physics \& Astronomy}

Phone: (845) 257-3740
Location: Science Hall Room 113
Web address: 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 provides a broad base of fundamentals, yet gives students the opportunity to get specialized training. First, you take two-semester introductory courses that survey physics, chemistry, and calculus. Then, you follow up with courses covering classical and modern physics, computational physics, and applied mathematics. The capstone experience is a senior project. If you would like, you can pursue topics of interest to you through independent study. An advisor works closely with you to plan what's best for your situation.

A 49-credit astronomy major leading to a Bachelor of Arts (BA) degree was introduced in Fall 2012. 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 to minor in a field that supports their career goals.

\section*{Major in Physics (65 credits)}
Required Physics courses............................. 39 credits
PHY201 General Physics I (3)
PHY211 Physics I Lab (1)
PHY202 General Physics II (3)
PHY212 General Physics II Lab (1)
PHY305 Computational Physics (3)
PHY306 Mechanics I (3)
PHY307 Mechanics II (3)
PHY308 Modern Physics I (3)
PHY309 Modern Physics II (3)
PHY310 Modern Physics Lab (1)
PHY313 Electricity and Magnetism (3)
PHY322 Optics (3)
PHY331 Quantum Physics (3)
PHY422 Thermal Physics (3)
PHY491 Senior Project (3)

Required cognate courses.
CHE201 General Chemistry I (3)
CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3)
CHE212 General Chemistry II Lab (1)
MAT251 Calculus I (4)
MAT252 Calculus II (4)
MAT353 Calculus III (4)
MAT341 Applied Mathematics I (3)
MAT342 Applied Mathematics II (3)

\section*{Minor in Physics (18 credits)}

Ten upper-division credits in Physics beyond the General Physics and General Physics Lab sequence must be completed for the minor.

\section*{Major in Astronomy (49 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
PHY342 Planetarium Operation (3)
PHY343 Solar Physics (3)
PHY344 Extraterrestrial Life (3)
*Other elective offerings to come
Physics courses........................................... 15 credits
PHY201 General Physics I (3)
PHY211 Physics I Lab (1)
PHY202 General Physics II (3)
PHY212 General Physics II Lab (1)
PHY306 Mechanics I (3)
PHY308 Modern Physics I (3)
PHY310 Modern Physics I Lab (1)
Cognate courses......................................... 16 credits
CHE201 General Chemistry I (3)
CHE211 General Chemistry I Lab (1)
CHE202 General Chemistry II (3)
CHE212 General Chemistry II Lab (1)

MAT251 Calculus I (4)
MAT252 Calculus II (4)

\section*{Minor in Astronomy (18-20 credits)}

Physics courses.
.8 credits
PHY221 Fundamental Physics I (3) and
PHY211 Physics I Lab (1)
or
PHY201 General Physics I (3) and
PHY211 Physics I Lab (1)
PHY222 Fundamental Physics II (3) and
PHY232 Fundamental Physics II Lab (1)
or
PHY202 General Physics II (3) and
PHY212 General Physics II Lab (1)
Astronomy courses.
10-12 credits
PHY205 Exploring the Solar System (3)
One of the following:
PHY206 Exploring the Universe (3)
PHY340 Introduction to Astrophysics (3)
At least four (4) additional credits in astronomy, by advisement. Current courses include:
PHY341 Observational Astronomy (3)
PHY342 Planetarium Operation (3)
PHY343 Solar Physics (3)
PHY344 Extraterrestrial Life (3)

\section*{Course Descriptions: Physics}

\section*{PHY093 Physics Special Topics}

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Students cannot elect the Satisfactory/Unsatisfactory grade option for this course
PHY100 Physics for the Inquiring Mind (3)
A course in basic physics for non-science majors that stresses conceptual understanding of familiar (and not so familiar) phenomena. Mathematical formalism is held to a minimum, although some elementary algebra is helpful.

Attributes: Liberal Arts, GE3: NSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following major: Physics (511)

\section*{PHY108 Seeing the Light: Physics, Vision and Art (3)}

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, GE3: NSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: Math Placement Level 3 or MPL151 Minimum Grade of C- or MPL093 Minimum Grade of C-

\section*{PHY109 Physics of Sound and Music (3)}

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, GE3: NSCI
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following major: Physics (511)
Prerequisites: Math Placement Level 3 or MPL151 Minimum Grade of C- or MPL093 Minimum Grade of C-

\section*{PHY193 Physics Selected Topic}

Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate
PHY199 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

\section*{PHY201 General Physics I (3)}

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, GE3: NSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: (Math Placement Level 6 or MAT251 Minimum Grade of C-) and PHY211 Minimum Grade of D-*
*May be taken at the same time

\section*{PHY202 General Physics II (3)}

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, GE3: NSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: PHY201 Minimum Grade of D- and MAT252 Minimum Grade of D-
Corequisites: PHY212

\section*{PHY203 General Physics I Workshop}

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 be enrolled in the following level: Undergraduate
Corequisites: PHY201

\section*{PHY204 General Physics II Workshop}

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 be enrolled in the following level: Undergraduate; Students cannot elect the Satisfactory/ Unsatisfactory grade option for this course
Corequisites: PHY202

\section*{PHY205 Exploring the Solar System (3)}

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, GE3: NSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following major: Physics (511)

\section*{PHY206 Exploring the Universe (3)}

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, GE3: NSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following major: Physics (511)

\section*{PHY 207 Exploring Astronomy Laboratory (1)}

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
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: PHY205 Minimum Grade of D-* and (Math Placement Level 4 or MAT152 Minimum Grade of C-)
*May be taken at the same time

\section*{PHY211 Physics I Lab (1)}

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: Liberal Arts, Practicum/Non-Clinical
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: PHY201 Minimum Grade of D-* or PHY221 Minimum Grade of D-*
*May be taken at the same time

\section*{PHY212 General Physics II Lab (1)}

No description is available for this course.
Attributes: Liberal Arts, Practicum/Non-Clinical
Corequisites: PHY202

\section*{PHY221 Fundamental Physics I (3)}

An algebra-based introduction to particle mechanics, rigid-body and continuous matter motion, fluid mechanics, wave motion, structure of matter and thermo-dynamic principles.

\author{
Attributes: Liberal Arts, GE3: NSCI, Systematic Inquiry \\ Restrictions: Must be enrolled in the following level: Undergraduate \\ Prerequisites: (Math Placement Level 4 or MAT193 Minimum Grade of C- or MAT152 Minimum Grade of C- or MAT153 Minimum Grade of C-) and PHY211 Minimum Grade of D-* \\ *May be taken at the same time
}

\section*{PHY222 Fundamental Physics II (3)}

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, GE3: NSCI, Systematic Inquiry
Restrictions: Must be enrolled in the following level: Undergraduate
Prerequisites: PHY221 Minimum Grade of D-
Corequisites: PHY232

\section*{PHY223 Fundamental Physics I Workshop}

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 be enrolled in the following level: Undergraduate
Corequisites: PHY221

\section*{PHY224 Fundamental Physics II Workshop}

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 be enrolled in the following level: Undergraduate
Corequisites: PHY222

\section*{PHY231 Fundamentals Physics I Lab (1)}

No description is available for this course.
Attributes: Liberal Arts, Practicum/Non-Clinical
Corequisites: PHY221

\section*{PHY232 Fundamentals Physics II Lab (1)}

No description is available for this course.
Attributes: Liberal Arts, Practicum/Non-Clinical
Corequisites: PHY222
PHY293 Physics Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate
PHY295 Independent Study Physics (1)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; Students cannot elect the
Satisfactory/Unsatisfactory grade option for this course
PHY 299 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate
PHY300 Mathematical Physics I (3)
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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: MAT252 Minimum Grade of D-
PHY301 Mathematical Physics II (3)
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 be enrolled in the following level: Undergraduate
Prerequisites: PHY300 Minimum Grade of D-

\section*{PHY305 Computational Physics (3)}

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: MAT341 Minimum Grade of D- and PHY202 Minimum Grade of D-)

\section*{PHY306 Mechanics I (3)}

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: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: PHY202 Minimum Grade of D- and MAT341 Minimum Grade of D-*
*May be taken at the same time

\section*{PHY307 Mechanics II (3)}

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PHY306 Minimum Grade of D-

\section*{PHY308 Modern Physics I (3)}

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: PHY202 Minimum Grade of D-

\section*{PHY309 Modern Physics II (3)}

A continuation of PHY308 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: PHY308 Minimum Grade of D-

\section*{PHY310 Modern Physics Laboratory (1)}

A laboratory course demonstrating the principles of Modern Physics PHY309. Required for Physics majors.

Attributes: Liberal Arts; Practicum/Non-Clinical
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PHY202 Minimum Grade of D-

\section*{PHY311 Classical Mechanics (3)}

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PHY300 Minimum Grade of D-

\section*{PHY313 Electricity and Magnetism (3)}

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: PHY202 Minimum Grade of D- and MAT341 Minimum Grade of D-

\section*{PHY314 Relativity (1)}

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PHY202 Minimum Grade of D-

\section*{PHY315 Engineering Mechanics (4)}

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: MAT252 Minimum Grade of D- and PHY201 Minimum Grade of D-

\section*{PHY322 Optics (3)}

Geometrical and physical optics including thick lenses, polarization, coherence, interference and diffraction; propagation in crystals; non-linear optics; photon statistics; radiation pressur electrooptics; gas crystals; semi-conductor laser.
Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PHY306 Minimum Grade of D- and MAT342 Minimum Grade of D-

\section*{PHY331 Quantum Physics (3)}

Origin of Planck's quantum hypothesis and its later development through the deBroglie waveparticle 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: MAT341 Minimum Grade of D- and PHY308 Minimum Grade of D-

\section*{PHY340 Introduction to Astrophysics (3)}

Introduction for science majors. Formation of stars, H-R diagram, binaries, brightness scale, distance ladder, doppler effect, stellar masses, parallax, proper motion, radial motion, massluminosity, black-body radiation, spectroscopy, telescopy, telescopes, dense stars, black holes, galaxies, relativity and cosmology.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: PHY201 Minimum Grade of D-
PHY341 Observational Astronomy (3)
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 night-time telescopic work.
Attributes: Liberal Arts, Practicum/Non-Clinical
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PHY340 minimum grade of D- or PHY206 minimum grade of D-

\section*{PHY342 Planetarium Operation (3)}

Principles and operation of planetarium projection devices, and their use in developing public planetarium shows.

Attributes: Liberal Arts
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PHY205 minimum grade of D-

\section*{PHY343 Solar Physics (3)}

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: May not be enrolled in the following class: Freshman
Prerequisites: PHY340 minimum grade of D-

\section*{PHY344 Extraterrestrial Life (3)}

Origin of life in the solar system, existence of other planetary systems, possibilities and techniques for detection of and communication with other intelligences.

Attributes: Liberal Arts
Restrictions: May not be enrolled in the following class: Freshman
Prerequisites: PHY206 minimum grade of D- or PHY340 minimum grade of D-
PHY393 Physics Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

PHY399 Modular Course (1-3; may be repeated for credit)
No description is available for this course.

Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

\section*{PHY402 Fluid Mechanics (3)}

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PHY202 Minimum Grade of D- and MAT341 Minimum Grade of D-

\section*{PHY422 Thermal Physics (3)}

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: MAT342 Minimum Grade of D-

\section*{PHY424 Advanced Laboratory (2)}

Selected experiments (5-8) picked from various areas-mechanics, optics, quantum mechanics, electronics, fluid mechanics, solid state physics, and nuclear physics. Emphasis on individual work.

Attributes: Liberal Arts, Practicum/Non-Clinical
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PHY331 Minimum Grade of D-

\section*{PHY429 Solid State Physics (3)}

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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
Prerequisites: PHY308 Minimum Grade of D-

\section*{PHY432 Atomic and Nuclear Physics (3)}

Elementary quantum mechanics applied to multi-electron 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 be enrolled in the following level: Undergraduate; May not be enrolled in the following class:
Freshman
Prerequisites: PHY308 Minimum Grade of D-

\section*{PHY491 Physics Senior Project (3; may be repeated for credit)}

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
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

\section*{PHY492 Physics Senior Project Continuation (1-3)}

Continuation of senior project. Student must have completed PHY491 and have approval of chairperson.
Attributes: Creative Works, Research
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

PHY493 Physics Selected Topic (1-12; may be repeated for credit)
Selected topic course descriptions may change from semester to semester. Please consult the Schedule of Classes for more information regarding this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

\section*{PHY494 Fieldwork in Physics}

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

\section*{PHY495 Independent Study Physics}

No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

PHY499 Modular Course (1-3; may be repeated for credit)
No description is available for this course.
Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

\section*{Faculty}

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[^0]:    Attributes: Liberal Arts; GE4: United States Studies, GE3: USST, Effective Expression/Oral, Effective Expression/Written
    Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

[^1]:    Attributes: Liberal Arts; Creative Works
    Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

[^2]:    Attributes: Liberal Arts; Critical Thinking Intermediate
    Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Digital Media Production (551), Digital Media Management (552), Journalism (523), Film and Video Studies (FVS); May not be enrolled in the following class: Freshman
    Prerequisites: ENG170 Minimum Grade of C- or ENG180 Minimum Grade of C- or ENG206 Minimum Grade of C- or ENG207 Minimum Grade of C- or ENG002 Minimum Grade of TC-

[^3]:    Attributes: Liberal Arts

[^4]:    Attributes: Liberal Arts
    Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

[^5]:    Attributes: Liberal Arts
    Restrictions: Must be enrolled in the following level: Undergraduate; May 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-

[^6]:    Attributes: Liberal Arts; GE3: WRLD; Effective Expression/Oral, Research
    Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
    Prerequisites: SPA361 Minimum Grade of D-

[^7]:    Attributes: Liberal Arts, GE3: FLNG, Effective Expression/Written
    Restrictions: Must be enrolled in the following level: Undergraduate
    Prerequisites: KIS102 Minimum Grade of D-

[^8]:    Attributes: Liberal Arts
    Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

[^9]:    Attributes: Liberal Arts
    Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
    Prerequisites: POL227 Minimum Grade of C-

[^10]:    Attributes: Liberal Arts
    Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
    Prerequisites: PSY272 Minimum Grade of D-

[^11]:    Attributes: Liberal Arts
    Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

[^12]:    Attributes: Liberal Arts
    Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

[^13]:    Attributes: Liberal Arts
    Restrictions: Must be enrolled in the following field(s) of study (major, minor or concentration): Human Services (538H); May not be enrolled in the following class: Freshman
    Prerequisites: SOC350 Minimum Grade of D-*

[^14]:    Attributes: Liberal Arts; Practicum/Non-clinical

[^15]:    Restrictions: Must be enrolled in the following level: Undergraduate; Must be enrolled in one of the following majors: Adolescence Ed: Spanish (447), Adolescence Ed: Math (446), Adolescence Ed: Social Studies (445), Adolescence Ed: English (443), Adolescence Ed: Earth Science (442), Adolescence Ed: Chemistry (441), Adolescence Ed: Biology (440), Adolescence Ed: Physics (449), Adolescence Ed: French (444); May not be enrolled in the following class: Freshman

[^16]:    Attributes: Liberal Arts, GE4: The Arts, GE3: ART, Effective Expression/Aesthetic, Performance Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in one of the following majors: Graphic Design (279), Visual Arts (277), Visual Arts Education (189)

[^17]:    Attributes: Information Management Advanced
    Restrictions: Must be enrolled in one of the following majors: Visual Arts Education (189), Ceramics (271), Metal (272), Graphic Design (279), Printmaking (274), Sculpture (275), Photography (276), Visual Arts (277), Painting (273); May not be enrolled in the following class: Freshman

    Prerequisites: (ARS100 Minimum Grade of C and ARS101 Minimum Grade of C and ARS102 Minimum Grade of C and ARS103 Minimum Grade of C and ARS270 Minimum Grade of C)

[^18]:    Attributes: Liberal Arts
    Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman

[^19]:    Attributes: Liberal Arts
    Restrictions: Must be enrolled in the following level: Undergraduate

[^20]:    Attributes: Liberal Arts; Critical Thinking Advanced; Information Management Advanced; Research
    Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman
    Prerequisites: BIO201 Minimum Grade of C- and BIO202 Minimum Grade of C- and BIO320 Minimum Grade of C- and BIO322 Minimum Grade of C-

[^21]:    Attributes: Liberal Arts
    Restrictions: Must be enrolled in the following level: Undergraduate; May not be enrolled in the following class: Freshman; Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

