

THE DOOR IS OPEN



A TRANSFER GUIDE
FOR DUTCHESS COMMUNITY COLLEGE STUDENTS



Fourth Revision (2010)

This agreement is subject to review at the request of either party.

All information contained here-in is accurate as of the time this publication went to press. However, changes in program and other details may have occurred since that time, current information may be obtained from the office of the department concerned.

New Paltz supports affirmative action and equal opportunity and does not discriminate in educational programs or employment.



Dear Student,

This booklet, THE DOOR IS OPEN, is the culmination of extensive consultations between the faculty and administration of Dutchess Community College and New Paltz to develop a comprehensive transfer agreement between the two institutions.

Many programs at two-year colleges can and should lead into those at four-year institutions, especially within SUNY. For example, students who receive A.A., A.S., and in many instances an A.A.S. degree from Dutchess Community College, should be able to complete their undergraduate study at New Paltz and earn a baccalaureate degree within a reasonable period of time. This transfer guide is designed to facilitate such an arrangement.

The DOOR IS OPEN was originally published in 1980 as the first comprehensive articulation agreement between Dutchess County Community College and New Paltz. We are very proud of the continued cooperative spirit in which the work has been undertaken, and we believe that this ongoing agreement will be of great benefit to Dutchess County Community College students who are considering transferring to New Paltz to complete a baccalaureate degree.

D. David Conklin
President
Dutchess Community College

Donald Christian
Interim President
New Paltz



TABLE OF CONTENTS

QUESTIONS	
About transferring to New Paltz, and the use of this transfer guide	1
NEW PALTZ A Brief Perspective	3
UNDERGRADUATE PROGRAMS	4
MAJOR PROGRAMS	7
ANTHROPOLOGY	7
ART EDUCATION	7
ART HISTORY	8
ART STUDIO	8
ASIAN STUDIES	10
BIOLOGY	10
BLACK STUDIES	12
BUSINESS ADMINISTRATION	12
CHEMISTRY	14
COMMUNICATION AND MEDIA	15
COMMUNICATION DISORDERS	17
COMPUTER SCIENCE	18
ECONOMICS	18
EDUCATION	19
ELECTRICAL AND COMPUTER ENGINEERING	21
ENGLISH	22
FOREIGN LANGUAGES	26
GEOGRAPHY	27
GEOLOGICAL SCIENCES	28
HISTORY/SOCIAL STUDIES	29
INTERNATIONAL RELATIONS	31
JOURNALISM	31
LATIN AMERICAN STUDIES	32
MATHEMATICS	33
MUSIC	34
PHILOSOPHY	35
PHYSICS	36
POLITICAL SCIENCE	37
PRE-MEDICAL PROFESSIONS	38
PSYCHOLOGY	39
SOCIOLOGY	39
THEATER ARTS	40
WOMEN'S STUDIES	41
DISCLAIMER	41

QUESTIONS...

ABOUT TRANSFERRING TO NEW PALTZ, AND THE USE OF THIS TRANSFER GUIDE

Q. Does New Paltz offer the major I want?

A. New Paltz offers a wide variety of majors in both liberal arts and pre-professional programs, fine and performing arts, and education. Each major currently offered at New Paltz is listed in the Transfer Guide with Dutchess equivalent course work. The full list of required coursework for each major appears in the New Paltz undergraduate catalog. This guide is designed for use in conjunction with the New Paltz catalog.

Q. Which of my Dutchess courses will transfer to New Paltz?

A. New Paltz accepts up to 70 credits from each Dutchess student.

An individual transfer credit evaluation will be provided to determine credits completed and credits still needed to meet the General Education requirement. Those A.A. and A.S. degree holders who complete courses in all ten knowledge and skill areas will be considered as having met New Paltz general education requirement.

A.A.S holders generally have a larger number of non-liberal arts courses in their Dutchess program than A.A. or A.S. students. However, each applicant also receives an individual transfer credit evaluation with an assessment of credits completed and credits still needed to meet the General Education requirement.

Q. Does this mean that an A.A.S. student can transfer to New Paltz? I thought that only A.A. and A.S. students could transfer?

A. A.A.S. degree holders can and do continue their studies at four-year colleges and universities, including New Paltz. Many liberal arts programs have strong career components, such as journalism, electronic media -TV production, and business.

In addition, many Dutchess A.A.S. programs fit well with the last two years of a New Paltz degree program. For example, students in Criminal Justice or Human Services can pursue a political science or sociology major at New Paltz and complete requirements for a New Paltz degree within two additional years.

Q. What are the admission requirements?

A. All transfer students need a 2.75 GPA for consideration for all majors. The following majors have additional requirements:

Art (Studio) (2.75 and an Art Portfolio review)

Art Education (3.00 and an Art Portfolio review)

Early Childhood/Childhood Education

(2.75 and 30 completed credits)

Communication Disorder (cumulative 3.0)

Mathematics (Completed up to Calculus I and be enrolled in Calculus II)

Music (Audition)

Psychology ("C" or better in General Psychology).

Adolescence Education (2.75 and "B" or better in Freshman Composition I and II)

Theatre (Audition)

Q. Which of my Dutchess courses will count toward my New Paltz major?

A. Using a current New Paltz catalog and this transfer guide this question can be easily answered. The Guide lists those courses required for each New Paltz major that can be taken at Dutchess. These courses will apply toward the requirements of each specific major as listed.

Q. How many of my Dutchess courses will count toward my New Paltz major?

A. As a general rule, One-half of the credits in the major must be completed at New Paltz. Please see the New Paltz catalog for details, www.newpaltz.edu/ugc.

Q. Can field service, independent study, and special topics courses taken at Dutchess be counted toward my major at New Paltz?

A. Field Service, Independent Study, and Special Topics may be acceptable toward a major pending review of appropriate documentation by the chairperson of the major department at New Paltz.

Q. Are all the courses I could take at Dutchess listed in this booklet?

A. No. This guide only lists those courses which are equivalent to courses required of a specific major at New Paltz. Courses at Dutchess that do not meet a major requirement are still transferable as "free" electives. The guide does not list major courses which are offered only at New Paltz.

Q. How can I be sure of which courses I still need to complete my major at New Paltz?

A. Each major, with the full list of courses required, is described in the most recent edition of the New Paltz undergraduate catalog.

Q. What is the total number of credits required for a New Paltz degree?

A. New Paltz requires 120 academic credits for most of its degree programs. Among the 120 academic credits, a number of liberal arts credits are required for each specific degree.

- 90 for Bachelor of Arts (B.A.)
- 60 for the Bachelor of Science (B.S.)
- 30 for the Bachelor of Fine Arts (B.F.A.)
- 48 for the Bachelor of Science (B.S.) in Art Education

NOTE: The Electrical and Computer Engineering Programs require a greater number of credits to complete the degree. Students seeking a baccalaureate degree with certification under the new State Education Department requirements may also need an extended time frame in which to complete the degree.

Liberal arts courses taken at Dutchess transfer towards this liberal arts requirement. Of the 120 academic credits, 45 must be upper-division level.

Q. What is the upper-division requirement?

A. Simply put, it is a requirement, common to many four-year colleges and universities that a minimum number of credits be taken at an advanced level. At New Paltz, this consists of courses numbered at the 300, 400 and 500 levels. Each applicant to New Paltz receives a transfer credit evaluation, which will summarize the number of credits, if any, which can transfer toward this requirement.

Q. What is the Writing Intensive requirement?

A. This requirement is separate from the General Education program. All students, including transfers with an A.A. or A.S. degree, must complete a three-credit New Paltz course, designated as Writing-Intensive, before graduation.

Q. How long will it take me to complete my program at New Paltz?

A. Normally, A.A. and A.S. degree holders from Dutchess when transferring to a parallel program, can complete their New Paltz degree in two additional years of full-time successful study. However, if a complete change of major is made, it may take longer to complete the degree. Certain specialized fields such as electrical engineering and education may require additional studies beyond the normal four semesters. Finally, due to budgetary restrictions and increased demand for certain select majors, both native students and transfer students may, in some instances, require additional time in which to complete degree requirements because of more limited availability of certain coursework.

Q. Is there any additional information or advice available to me as a student transferring to New Paltz?

A. Yes, there are many sources. First, to help you make a well-informed decision, New Paltz provides an "Advisor in Residence" on the Dutchess campus one day each month to assist in the process of program planning and transfer. In addition, the Undergraduate Admissions Office provides all accepted applicants with a transfer credit evaluation. This evaluation summarizes the total number of credits which will be accepted in transfer to New Paltz, and shows specifically how your credits will be applied to general degree requirements.

You should also discuss your plans with a Dutchess advisor and the transfer/career planning and placement office at Dutchess.

Q. How do I obtain financial aid?

A. Financial Aid is available to eligible transfer students to help defray the costs of tuition, fees, room, and board at New Paltz. Information on how and when to apply for each of the available financial aid programs is sent to each transfer student at the time of acceptance.



STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

A BRIEF PERSPECTIVE

Character: Very competitive, 4 year co-ed, residential; regional university; state assisted; liberal arts/professional studies.

Founded: 1828

Location: New Paltz, New York; small, historic village (pop. 11,300) in mid-Hudson region; midway between New York City and Albany.

Campus: 257 acres; 47 buildings. Sojourner Truth Library – 550,000 volumes

College Calendar: Two, 14 week semesters, one summer session. Scheduled college closings - all college offices closed for state/federal holidays and weekends. Class schedule published online at: www.newpaltz.edu/classes. Weather delays and/or class cancellations posted online, at 845-257-INFO, and with regional media.

Enrollment (2009-2010): Undergraduate: 6,554 - Full-time 5,935, Part-time 619, Men 2,255, Women 4,299 Graduate: 1,403 - Full-time 579, Part-time 884.

Student Geographic Distribution: 91% New York State, 6% Out-of-State, 3% International

Student Diversity: 7% Black/African-American, 12% Hispanic/Latino, 5% Asian/Pacific Islander;

Male/Female Ratio: 2,255 M (33%) – 4,299 W (67%)

Accreditations:

Middle States Association of Colleges and Secondary Schools
New York State Education Department
Accreditation Board for Engineering and Technology
American Chemical Society
American Speech-Language and Hearing Association
Computer Sciences Accreditation Board
National Association of Music Therapy (Master's degree)
National Association of Schools of Art
National Association of Schools of Music
National Association of Schools of Theatre
National Council for Accreditation of Teacher Education

Academic Structure:

College of Liberal Arts and Science
School of Business
School of Science and Engineering
School of Fine and Performing Arts
School of Education
The Graduate School at New Paltz

Faculty:

335 Full-time
387 Part-time
86% hold Ph.D. or terminal degree
Student/Faculty Ratio: 15-1

Average Class Size:

77% of classes are less than 30 students
93% of classes are less than 40 students

Residence Life: 13 residence halls (2,900 capacity)

NCAA Division III Athletics:

Baseball (M)
Soccer (M/W)
Basketball (M/W)
Softball (W)
Cross Country (M/W)
Swimming (M/W)
Field Hockey (W)
Tennis (W)
Lacrosse (W)
Volleyball (M/W)

Student Activities: 130 student organizations, 800 student leadership positions

Admission: Very Selective

Freshmen: High School Average - Middle 50%: 87 - 93
SAT Verbal/Math Composite - Middle 50%: 1040 – 1240

Transfer: Average Transfer GPA: 3.40



UNDERGRADUATE PROGRAMS



COLLEGE OF LIBERAL ARTS AND SCIENCES

Anthropology
Asian Studies
Biology
Black Studies
Communication
Communication Disorders
Communications: Media
 *Production**
 *Management**
Economics
 *Business Economics**
 *International Economics**
English
 *Graduate School Prep**
 *Creative Writing**
French
Geography
 *Planning**
History
International Relations
Journalism
 *Public Relations**
Latin American Studies
Philosophy
Political Science
Psychology
 *Psychobiology**
 *Industrial and Organizational Psychology**
Sociology
 *Human Services**
 *Criminology**
Spanish
Speech Communication
 *Public Communication**
 *Organizational Communication**
 *Interpersonal/Intercultural Communication**
Women's Studies



SCHOOL OF SCIENCE AND ENGINEERING

Biology
 *Organismal & Environmental Biology**
 *Cell/Molecular Biology & Biotechnology**
Chemistry
 *Biochemistry**
Computer Engineering
Computer Science
Electrical Engineering
Environmental Geochemical Science
Geology
 *Environmental Geoscience**
Mathematics
Physics

SCHOOL OF BUSINESS

Accounting
Finance
General Business
International Business
Management
Marketing



SCHOOL OF EDUCATION

Early Childhood (Elementary) Education (Birth-Grade 2)

Childhood (Elementary) Education (Grades 1-6)

Approved Elementary Education Liberal Arts Majors:

Art History

Biology

Black Studies

Earth Science

English

French

Geography

History

Mathematics

Political Science

Spanish

Secondary (Adolescence) Education (Grades 7-12)

Biology

Chemistry

Earth Science

English

French

Mathematics

Physics

Social Studies

Spanish



MINORS

Ancient World Studies

Anthropology

Art History

Art Studio

Asian Studies

Biology

Black Studies

Business

Chemistry

Communication

Computer Science

Creative Writing

Disaster Studies

Economics

English

Environmental Science

Environmental Studies

Evolutionary Studies

French

Foreign Languages

German

Geography

Geology

History

Industrial & Organizational Psychology

International Relations

Italian Studies

Jewish Studies

Journalism

Latin American Studies

Law & Politics

Linguistics

Mathematics

Medieval and Early Modern Studies

Music

Native American Studies

Philosophy

Political Science

Psychology

Psychology, Industrial & Organizational

Physics

Religious Studies

Sociology

Spanish

Theatre Arts

Women's Studies



SCHOOL OF FINE AND PERFORMING ARTS

Art (Visual Arts) Education (Grade 1-12)

Art History

Fine Arts (BFA Majors)

Ceramics

Graphic Design

Metals

Painting/ Drawing

Photography

Printmaking

Sculpture

Music

*Performance**

*History and Literature**

*Music Theory & Composition**

*Jazz Studies**

Contemporary Music Studies: Pre-Music Therapy

Theatre Arts

*Performance**

*Design/Technical**

Visual Arts



*Concentration Program within the major.

Concentrations can range from 18 credits to over 50 credits.

PRE-PROFESSIONAL ADVISORY PROGRAMS

Pre-Medicine

Pre-Dentistry

Pre-Veterinary

Pre-Law



MAJOR PROGRAMS

The major programs listed in the sections that follow show the courses a student may take at Dutchess Community College and which may also be applied to the major at New Paltz. In addition, most of the Dutchess courses not listed here will be accepted in transfer by New Paltz as general elective credit toward the degree. Remedial/developmental courses do not transfer.

Within existing majors a number of emphases further extend student choices. For example, within the English area a student may select comparative literature or creative writing track. The communications major may select a concentration in public communication, organizational communication, interpersonal-intercultural communication, communication media, or radio-TV production. Music majors may concentrate in applied music, music history and literature, or music theory and composition. Geological sciences offers an applied/environmental geology option. Within chemistry a biochemistry emphasis is available, and in the business program concentrations in management, marketing, finance, or international business are available, as well as a CPA approved accounting major. Students should consult the New Paltz catalog for details of other major programs.

ANTHROPOLOGY

The New Paltz Anthropology Department offers a range of coursework dealing with the evolution of humans, the development and diversity of human cultures, as well as the study of family and social organizations, political systems, and religious systems. The department also sponsors a seven-week field school for students to participate in an actual archaeological excavation.

Students may pursue a major or minor in anthropology in the College of Liberal Arts & Science. They may also select Anthropology courses to be used towards the adolescence (7-12) education social studies major. See New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSE

BHS 202 Physical Anthropology
BHS 204 Anthropology
BHS 206 Cultural Anthropology

EQUIVALENT NEW PALTZ COURSE

ANT 301 Human Evolution
ANT 211 General Anthropology
ANT 214 Cultural Anthropology

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

ART EDUCATION

The Art Education Department offers a program leading to the Bachelors of Science degree. Upon completion of the program, students are eligible for initial New York State certification to teach art in the public schools, grades K-12.

The art education program provides a concentration, which includes work in studio art and art history, child and adolescent psychology, curriculum development, philosophical and theoretical approaches to art education, and critical and evaluative analysis in art education. See the New Paltz catalog for details.

Prospective Art Studio majors must have a 3.00 cumulative grade point average and submit an Art Portfolio.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES

ART 101 History of Art
ART 110 Two-Dimensional Design
ART 111 Three-Dimensional Design
ART 112 Drawing I
ART 113 Drawing II
PSY 221 Child & Adolescent Development

OR

PSY 203 Developmental Psychology
BHS 207 Education in American Society

EQUIVALENT NEW PALTZ COURSES

ARH 201 Art of the Western World I
ARS 102 Integrated Design I: Space and Form
ARS 103 Integrated Design II: Forces
ARS 100 Drawing I: Visual Thinking I
ARS 101 Drawing II: Visual Thinking II
EDS 371 Child Psychology & Development
EDS 340 Social & Philosophical Foundations of Education

ARS 202 Art of the Western World II must be taken at New Paltz to complete the required introductory courses.

A grade of 'B' is required for each course in the foundation sequence (Drawing I: Visual Thinking, Drawing II: Visual Thinking, Integrated Design I: Space and Form, Integrated Design II: Force).

In addition, art education students must complete a series of courses in education, art education, and a specialization in art. See New Paltz catalog for details. Art education courses are not available at Dutchess, and must be taken at New Paltz. Some of the art studio courses, which comprise the specialization in art may be taken at Dutchess. See section on ART STUDIO for details.

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

ART HISTORY

The Department of Art History offers courses in the history of painting, sculpture, architecture, graphic and decorative arts, design, photography and film. A major in this department requires 33 credits of Art History courses and leads to the B.A. degree. Students contemplating advanced study in art history are strongly urged to take a foreign language, preferably French or German.

Students in the B-2 Early Childhood and 1-6 Childhood Education programs may select an Art History concentration as part of the education curriculum. See the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES

ART 101 History of Art
ART 102 History of Modern Art

ART 103 Art of China and Japan

ART 155 History of Photography

EQUIVALENT NEW PALTZ COURSE

ARH 201 Art of the Western World I
ARH 358 Early Twentieth-Century Art
ARH 360 Art of Asia I: The Formative Periods
OR
ARH 381 Art of Asia II: The Continuing Tradition
ARH 368 History of Photography

ARS 202 Art of the Western World II must be taken at New Paltz to complete the required introductory courses.

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

ART STUDIO

Students seeking an undergraduate degree in art may pursue one of the following programs:

(1) Bachelor of Fine Arts (B.F.A.) in Art Studio, with a concentration/option in ceramics, metal, painting, printmaking, graphic design, photography, or sculpture. (2) Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) in Visual Arts. The program is served by a large staff of practicing artists.

New Paltz courses numbering ARS 102, ARS 103, ARS 100 and ARS 101 are requirements common to all of the above programs. The remaining courses listed here are required or elective, depending upon the concentration the student selects. See New Paltz catalog for details.

Prospective Art Studio majors must have a 2.75 cumulative grade point average and submit an Art Portfolio.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES**EQUIVALENT NEW PALTZ COURSE***Required:*

ART 101 History of Art
 ART 110 Two-Dimensional Design
 ART 111 Three-Dimensional Design
 ART 112 Drawing I
 ART 113 Drawing II

ARH 201 Art of the Western World I
 ARS 102 Integrated Design I: Space and Form
 ARS 103 Integrated Design II: Forces
 ARS 100 Drawing I: Visual Thinking I
 ARS 101 Drawing II: Visual Thinking I

ARS 202 Art of the Western World II must be taken at New Paltz to complete the required introductory courses.

NOTE: A grade of 'B' is required for each course in the foundation sequence (Drawing I: Visual Thinking I, Drawing II: Visual Thinking II, Integrated Design I: Space and Form, Integrated Design II: Force).

ART 120 Color Theory and Painting*
 ART 140 Graphic Design I*
 ART 141 Calligraphy I*
 ART 142 Graphic Design II*
 ART 145 Computer Graphics: Layout & Typography*

ARS 240 Basic Painting*
 No corresponding course*
 No corresponding course*
 No corresponding course*

AND

ART 147 Computer Graphics: Design/Illustration*

ARS 205 Computer Aided Graphic Design

ART 150 Black and White Photography I*
 ART 151 Black and White Photography II*
 ART 153 Lighting for the Visual Arts*
 ART 154 Photographing Art Work*
 ART 157 Color Photography I*
 ART 161 Foundation of Animation*
 ART 172 Basic Ceramics*
 ART 191 Jewelry and Metals*
 ART 209 Time-Based Mixed Media*
 ART 222 Watercolor*
 ART 225 Mixed Media and Collage Workshop*
 ART 226 Painting*
 ART 227 Intermediate Drawing*
 ART 241 Calligraphy II*
 ART 254 Photojournalism Workshop*
 ART 255 Advanced Photography*
 ART 257 Color Photography II*
 ART 264 Web Design*
 ART 271 Special Study Project I*
 ART 272 Special Study Project II*
 ART 273 Special Study Project III*
 ART 274 Ceramics: Hand Building*
 ART 275 Ceramics: Wheel Throwing*

ARS 250 Basic Photography*
 No corresponding course*
 No corresponding course*
 No corresponding course*
 ARS 308 Digital Photographic Imaging*
 No corresponding course*
 No corresponding course*
 ARS 220 Basic Metal*
 No corresponding course*
 No corresponding course*
 No corresponding course*
 No corresponding course*
 No corresponding course*
 No corresponding course*
 No corresponding course*
 No corresponding course*
 ARS 308 Digital Photographic Imaging*
 No corresponding course*
 ARS 294 Fieldwork in Art*

OR

Art Elective*
 No corresponding course*
 No corresponding course*

A grade of 'B' is required for each course in the foundation sequence (Drawing I: Visual Thinking, Drawing II: Visual Thinking, Integrated Design I: Space and Form, Integrated Design II: Force).

*REVIEW REQUIRED: All courses taken beyond the freshman year sequence must be reviewed by appropriate option faculty, through portfolio submission, prior to equivalency credit being granted. Coursework not so credited will be considered art electives or general elective credit toward the degree. See Transfer Art Portfolio information.

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

ASIAN STUDIES

Although Dutchess does not offer Asian Studies courses, an Asian Studies major is available at New Paltz for those transfer students who wish to pursue one.

The major and minor in Asian Studies is designed to provide students with a broad working knowledge of the region's history, geography, language and culture. Students pursuing this major will embark on 36 credits of interdisciplinary courses offered through the following departments: Anthropology, English, Foreign Language, Geography, History, Philosophy, and Political Science. Students are also required to complete at least two years of Chinese or Japanese language.

The minor consists of 18 credits and at least one year of either language, along with courses selected through advisement.

One-half of the credits in the major must be completed at New Paltz.

BIOLOGY

Biology encompasses a number of fields that range from molecular and cell biology on one hand to environmental studies and animal behavior on the other. In addition to extensive classroom and laboratory facilities, the Biology Department maintains both scanning and transmission electron microscope facilities. The surrounding area provides an excellent setting for field biology courses.

Students may major in liberal arts biology with a choice of concentrations in (1) Organismal/Environmental Biology, (2) Cell/Molecular Biology, or they may select a biology major in childhood or adolescence education programs. Any of the liberal arts biology major concentrations provide the necessary course work for entrance into the pre-medical professions. (See PRE-MEDICAL PROFESSIONS section of this booklet).

The New Paltz courses numbered BIO 201 and BIO 202 (or BIO 210 Introductory Biology for part-time and transfer students) are required for any of the above major programs. The other courses listed are electives or required for the major, depending upon the specific program. See New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES

EQUIVALENT NEW PALTZ COURSE

Required:

BIO 101 General Biology I
BIO 102 General Biology II
BIO 107 Ecology
BIO 205 Introduction to Genetics
BIO 207 General Microbiology

OR

BIO 212 Microbiology
CHE 121 General Chemistry I
CHE 122 General Chemistry II
CHE 231 Organic Chemistry I
CHE 232 Organic Chemistry II
MAT 118 Elementary Statistics
MAT 221 Analytic Geometry & Calculus I
PHY 121 General Physics I

OR

PHY 151 Engineering Physics I

BIO 201 General Biology I
BIO 202 General Biology II
BIO 202 Ecology
BIO 320 Genetics

BIO 350 General Microbiology

CHE 201 General Chemistry I
CHE 202 General Chemistry II
CHE 318 Organic Chemistry I
CHE 319 Organic Chemistry II
MAT 241 Introductory Statistics
MAT 251 Calculus I
PHY 221 Fundamental Physics I

PHY 201 General Physics I

Select one:

BIO 131 Anatomy and Physiology I

AND

BIO 132 Anatomy and Physiology II

BIO 204 General Botany

BIO 307 Comparative Vertebrate Anatomy

BIO 305 Plant Morphology

Electives:

BIO 104 Environmental Biology*	No corresponding course*
BIO 112 Biomedical View of HIV/AIDS*	No corresponding course*
BIO 144 Human Genetics and Values*	No corresponding course*
BIO 203 Invertebrate Zoology*	BIO 312 Invertebrate Zoology*
BIO 209 Anatomy*	No corresponding course*
BIO 210 Physiology	BIO 413 General Physiology
	AND
BIO 213 Cell Physiology*	BIO 415 Laboratory Exercises in General Physiology
BIO 225 Environmental Measurements*	No corresponding course*
BIO 226 Environmental Contaminants*	No corresponding course*
BIO 271 Special Study Project I*	No corresponding course*
BIO 272 Special Study Project II*	BIO 495 Independent Study in Biology*
BIO 273 Special Study Project III*	(Variable credit granted upon review by Department Chair)

*May be used as elective credit toward the New Paltz Biology major where applicable.

Early Childhood (B-2)/Childhood Education (1-6) Biology

One-half of the credits in the liberal art major/concentration must be completed at New Paltz.

DUTCHESS COURSES

BIO 101 General Biology I
BIO 102 General Biology II
BIO 107 Ecology
BIO 205 Genetics

EQUIVALENT NEW PALTZ COURSES

BIO 201 General Biology I
BIO 202 General Biology II
BIO 202 Ecology
BIO 320 Genetics

Select one:

BIO 131 Anatomy and Physiology I	}	BIO 307 Comparative Vertebrate Anatomy
AND BIO 132 Anatomy and Physiology II		
BIO 204 General Botany		BIO 305 Plant Morphology

Select two electives:

BIO 207 General Microbiology		BIO 350 General Microbiology
OR BIO 212 Microbiology		
BIO 210 Mammalian Physiology	}	BIO 413 General Physiology
BIO 213 Cell Physiology*		AND BIO 415 Laboratory Exercises in General Physiology
		No corresponding course*

Adolescence Education (7-12) Biology

One-half of the credits in the liberal art major/concentration must be completed at New Paltz.

DUTCHESS COURSES

BIO 101 General Biology I
BIO 102 General Biology II
BIO 107 Ecology
BIO 205 Genetics

EQUIVALENT NEW PALTZ COURSE

BIO 201 General Biology I
BIO 202 General Biology II
BIO 202 Ecology
BIO 320 Genetics

Select one:

BIO 131 Human Anatomy and Physiology I	}	BIO 307 Comparative Vertebrate Anatomy
AND BIO 132 Human Anatomy and Physiology II		

BIO 204 General Botany
 CHE 121 General Chemistry I
 CHE 122 General Chemistry II
 CHE 231 Organic Chemistry I
 CHE 232 Organic Chemistry II
 GLG 121 Physical Geology
 MAT 221 Analytic Geometry & Calculus I
 PHY 121 General Physics I
 PHY 122 General Physics II

BIO 305 Plant Morphology
 CHE 201 General Chemistry I
 CHE 202 General Chemistry II
 CHE 318 Organic Chemistry I
 CHE 319 Organic Chemistry II
 GLG 220 Physical Geology
 MAT 251 Calculus I
 PHY 221 Fundamental Physics I
 PHY 222 Fundamental Physics II

Select one:

CPS 141 Intro to Computer Science & Programming
 MAT 118 Elementary Statistics
 MAT 222 Analytic Geometry Calculus II

CPS 210 Computer Science I: Foundations
 MAT 241 Introduction to Statistics
 MAT 252 Calculus II

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

BLACK STUDIES

The Black Studies Department seeks to provide a more thorough and accurate treatment of the history of Black people in America. It examines the impact of current economic, social and political forces that shape the Black experience and contributes to a basic understanding of the special problems faced by Black people in contemporary American life. The major provides an opportunity to study the artistic expressions of Black people and for research and creative activity in Black studies, both on campus and in the community. In its comprehensive approach, and as a complement to more traditional majors, the Department of Black Studies seeks to prepare students for most professional careers outside the science fields.

Students in the B-2 Early Childhood and 1-6 Childhood Education programs may select a Black Studies history or literature concentration as part of the education curriculum. See New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES

HIS 209 History of the African American
 ENG 224 African-American and Black Literature*

EQUIVALENT NEW PALTZ COURSE

BLK 202 Black History II
 BLK 267 Survey of Black American Literature*

*May be used as elective credit toward the New Paltz Black Studies major where applicable.

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

BUSINESS ADMINISTRATION

The School of Business at New Paltz offers the Bachelor of Science (B.S.) in Accounting, Finance, General Business, International Business, Management, and Marketing. These degree programs are designed to meet the demand for qualified graduates to work in today's global marketplace.

All students must take the Core Requirements (39 credits) and have a Math Proficiency Level (MPL) of at least 4. The MPL 4 course at Dutchess is MAT 110 College Algebra.

Some courses have prerequisites of which students must be aware. The Accounting degree requires 24 major credits for a total of 63 degree credits. The General Business, International Business and Marketing degrees require 20 major credits for a total of 60 degree credits. The Finance and Management degrees require 18 major credits for a total of 57 degree credits.

Acceptance as a major in the School of Business is based upon overall academic performance as well as performance in selected courses. Transfer students should be aware that (1) the university requires at least one-half of the courses in the major be completed at New Paltz and (2) transfer business courses which are given graduation credit by the university may not necessarily satisfy the business requirement. See the New Paltz catalog for details.

Prospective Business majors must have a 2.75 cumulative grade point average.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
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ACC 221 Intermediate Accounting I*	No corresponding course*
BUS 244 Human Resource Management*	No corresponding course*
BUS 254 International Business	*No corresponding course*

*May be used as elective credit toward the New Paltz Business major where applicable. BUS 345 Human Resource Management, BUS 346 International Business and BUS 368 Intermediate Accounting I must be completed at New Paltz.

Bachelor of Science in Accounting

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
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ECO 201 Microeconomics	ECO 206 Microeconomics
ECO 202 Macroeconomics	ECO 207 Macroeconomics
ACC 101 Principles of Accounting I	BUS 201 Financial Accounting
AND	
ACC 102 Principles of Accounting II	BUS 201 Financial Accounting
OR	
ACC 104 Financial Accounting	BUS 202 Managerial Accounting
ACC 201 Cost Accounting	
OR	BUS 250 Principles of Management BUS 325 Marketing BUS 271 Legal Environment of Business BUS 272 Business Law for Accountants
ACC 204 Managerial Accounting	
BUS 104 Business Organization and Management	
BUS 107 Principles of Marketing	
BUS 215 Business Law I	
BUS 216 Business Law II	

Bachelor of Science in Finance

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
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ECO 201 Microeconomics	ECO 206 Microeconomics
ECO 202 Macroeconomics	ECO 207 Macroeconomics
ACC 104 Financial Accounting	BUS 201 Financial Accounting
ACC 204 Managerial Accounting	BUS 202 Managerial Accounting
BUS 104 Business Organization and Management	BUS 250 Principles of Management
BUS 107 Principles of Marketing	BUS 325 Marketing
BUS 215 Business Law I	BUS 271 Legal Environment of Business

Bachelor of Science in General Business

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
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ECO 201 Microeconomics	ECO 206 Microeconomics
ECO 202 Macroeconomics	ECO 207 Macroeconomics
ACC 104 Financial Accounting	BUS 201 Financial Accounting
ACC 204 Managerial Accounting	BUS 202 Managerial Accounting
BUS 104 Business Organization and Management	BUS 250 Principles of Management
BUS 107 Principles of Marketing	BUS 325 Marketing
BUS 215 Business Law I	BUS 271 Legal Environment of Business

Bachelor of Science in International Business

DUTCHESS COURSES

ECO 201 Microeconomics
ECO 202 Macroeconomics
ACC 104 Financial Accounting
ACC 204 Managerial Accounting
BUS 104 Business Organization and Management
BUS 107 Principles of Marketing
BUS 215 Business Law I
GOV 219 Global Politics

EQUIVALENT NEW PALTZ COURSE

ECO 206 Microeconomics
ECO 207 Macroeconomics
BUS 201 Financial Accounting
BUS 202 Managerial Accounting
BUS 250 Principles of Management
BUS 325 Marketing
BUS 271 Legal Environment of Business
POL 227 International Politics

NOTE: Language proficiency through the Intermediate II Level in one language is required in this concentration. Dutchess offers a four semester sequence in the following languages: French and Spanish.

Students in the International Business concentration must select three courses in a given region of the world to meet the Area Studies Elective category. As much as is possible, the courses in this category should be consistent with the foreign language selected to meet International Business concentration requirements. See the New Paltz catalog for a complete listing of Area Studies courses.

Bachelor of Science in Management

DUTCHESS COURSES

ECO 201 Microeconomics
ECO 202 Macroeconomics
ACC 104 Financial Accounting
ACC 204 Managerial Accounting
BUS 104 Business Organization and Management
BUS 107 Principles of Marketing
BUS 215 Business Law I

EQUIVALENT NEW PALTZ COURSE

ECO 206 Microeconomics
ECO 207 Macroeconomics
BUS 201 Financial Accounting
BUS 202 Managerial Accounting
BUS 250 Principles of Management
BUS 325 Marketing
BUS 271 Legal Environment of Business

Bachelor of Science in Marketing

DUTCHESS COURSES

ECO 201 Microeconomics
ECO 202 Macroeconomics
ACC 104 Financial Accounting
ACC 204 Managerial Accounting
BUS 104 Business Organization and Management
BUS 107 Principles of Marketing
BUS 215 Business Law I

EQUIVALENT NEW PALTZ COURSE

ECO 206 Microeconomics
ECO 207 Macroeconomics
BUS 201 Financial Accounting
BUS 202 Managerial Accounting
BUS 250 Principles of Management
BUS 325 Marketing
BUS 271 Legal Environment of Business

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

CHEMISTRY

The Chemistry Department at New Paltz offers many advantages to the student interested in majoring in this field. It provides a strong background in general, organic, physical, and analytical chemistry, and offers a variety of courses not generally available at four-year colleges. New Paltz upper-division undergraduates are able to enroll in advanced courses in biochemistry, materials science, and instrumentation. The small size of upper-division courses encourages close interaction between faculty and students.

High quality modern equipment is used for instruction and research in student laboratories. In addition, the chemistry faculty sponsors student research.

Two undergraduate programs leading to liberal arts degrees are available: the American Chemical Society (ACS) approved major and a general chemistry major. There are also concentrations in biochemistry and biotechnology. In addition, students in the adolescence (7-12) teacher certification program may select a chemistry major as part of the education curriculum. See the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
CHE 121 General Chemistry I	CHE 201 General Chemistry I
CHE 122 General Chemistry II	CHE 202 General Chemistry II
CHE 231 Organic Chemistry I	CHE 318 Organic Chemistry I
CHE 232 Organic Chemistry II	CHE 319 Organic Chemistry II
CHE 271-273 Special Study Project*	CHE 295 Independent Study/Chemistry*
MAT 221 Analytic Geometry & Calculus I	MAT 251 Calculus I
MAT 222 Analytic Geometry & Calculus II	MAT 252 Calculus II
PHY 151 Engineering Physics I	PHY 201 General Physics I
PHY 152 Engineering Physics II	PHY 202 General Physics II
<i>Biochemistry Emphasis only:</i>	
BIO 101 General Biology I	BIO 201 General Biology I
BIO 102 General Biology II	BIO 202 General Biology II
BIO 205 Introduction to Genetics	BIO 320 Genetics

Adolescence Education (7-12) Chemistry

One-half of the credits in the liberal art major/concentration must be completed at New Paltz.

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
CHE 121 General Chemistry I	CHE 201 General Chemistry I
CHE 122 General Chemistry II	CHE 202 General Chemistry II
CHE 231 Organic Chemistry I	CHE 318 Organic Chemistry I
CHE 232 Organic Chemistry II	CHE 319 Organic Chemistry II
GLG 121 Physical Geology	GLG 220 Physical Geology
MAT 221 Analytic Geometry & Calculus I	MAT 251 Calculus I
MAT 222 Analytic Geometry & Calculus II	MAT 252 Calculus II
PHY 151 Engineering Physics I	PHY 201 General Physics I
PHY 152 Engineering Physics II	PHY 202 General Physics II

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

COMMUNICATION AND MEDIA

The Department of Communication and Media has three major programs: Communication Studies includes emphases in Interpersonal /Intercultural Communication, Organizational Communication, Public Communication and Public Relations.

The Journalism major offers students theoretical understanding and the practical skills necessary to succeed in today's news media (See the JOURNALISM section of this booklet).

The Electronic Media major may choose from one of two tracks: media management or radio/TV production. Management majors prepare in areas such as advertising, global media systems, law, research, and programming, for management positions across the various media. Majors in the production track learn how to use the tools necessary to create mediated messages, but more importantly they learn how the technology allows them to communicate effectively. See the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES**EQUIVALENT NEW PALTZ COURSE**

COM 101 Introduction to Communications Media*	CMM 215 Digital Storytelling and Culture*
COM 210 Visual Effects for the Moving Image I*	No corresponding course*
COM 211 Visual Effects for the Moving Image II*	No corresponding course*
COM 234 Basic Music Production*	No corresponding course*
COM 235 Media Management I*	No corresponding course*
COM 236 Media Management II*	No corresponding course*
COM 242 History of World Film I*	No corresponding course*
COM 243 History of World Film II*	No corresponding course*
COM 245 Screenwriting for Documentaries*	No corresponding course*
COM 280 Overseas Documentary Production*	No corresponding course*
SPE 201 Persuasion: Argument and Emotion*	No corresponding course*
SPE 211 Communication Theory*	No corresponding course*
SPE 271-273 Special Projects I-III*	No corresponding course*

*May be used as elective credit toward the New Paltz Communication and Media major where applicable.

COMMUNICATION STUDIES**DUTCHESS COURSES****EQUIVALENT NEW PALTZ COURSE**

SPE 100 Foundations of Communication	No corresponding course*
SPE 101 Public Speaking	CMM 104 Public Speaking
<i>Electives:</i>	
BUS 105 Advertising	CMM 221 Introduction to Advertising
COM 221 Media Strategies for Public Relations	JRN 315 Introduction to Public Relations
SPE 102 Oral Interpretation of Literature	CMM 213 Performance of Literature
SPE 211 Taking the Terror out of Performance*	No corresponding course*
SPE 219 Intercultural Communication	CMM 359 Communication Among Cultures

*May be used as elective credit toward the New Paltz Communication Studies major where applicable

ELECTRONIC MEDIA MANAGEMENT**DUTCHESS COURSES****EQUIVALENT NEW PALTZ COURSE**

<i>Required:</i>	
BUS 105 Advertising	CMM 221 Introduction to Advertising
COM 140 Media and Society	CMM 101 Media and Society
<i>Select one:</i>	
COM 220 Performing for the Media	CMM 203 Radio and Television Performance
SPE 101 Public Speaking	CMM 104 Public Speaking
SPE 210 Dynamics of Discussion	CMM 204 Discussion

ELECTRONIC MEDIA PRODUCTION

NOTE: Students electing the ELECTRONIC MEDIA PRODUCTION SEQUENCE must complete a minimum of two production courses at New Paltz. See the New Paltz catalog for details.

DUTCHESS COURSES**EQUIVALENT NEW PALTZ COURSE**

<i>Required:</i>	
COM 120 Introduction to Media Writing	CMM 319 Writing for Digital Writing
COM 140 Media and Society	CMM 101 Media and Society

Select two:

COM 233 Sound Design and Technology for Media
COM 249 Television Production/Television News
COM 250 Advanced Video Production II

CMM 320 Audio Production
CMM 340 Studio Video Production
CMM 440 Portable Video Production

Select one:

COM 220 Performing for the Media
SPE 101 Public Speaking
SPE 210 Dynamics of Discussion

CMM 203 Radio and Television Performance
CMM 104 Public Speaking
CMM 204 Discussion

Electives:

BUS 105 Advertising
COM 110 Basic Video Production
COM 221 Media Strategies for Public Relations
COM 244 Screenwriting
ENG 211 Newswriting, Editing & Publication

CMM 221 Introduction to Advertising
CMM334 Digital Video
JRN 315 Introduction to Public Relations
CMM 419 Screenwriting
JRN 230 Journalism I

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

COMMUNICATION DISORDERS

The Department of Communication Disorders offers a 52 credit liberal arts major (588), which prepares students for graduate study in speech-language pathology, audiology and related areas. It is recommended that students also take one biological science course, one physical science course and a statistics course.

Prospective Communication Disorder majors must have a cumulative 3.0 grade point average.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES

ASL 101 American Sign Language I
ASL 102 American Sign Language II

EQUIVALENT NEW PALTZ COURSE

CMD 260 Sign Language I
CMD 361 Sign language II

Select one:

SPE 100 Foundations of Communications
SPE 101 Public Speaking
SPE 102 Oral Interpretation of Literature

CMM 202 Interpersonal Communication
CMM 104 Public Speaking
CMM 213 Performance of Literature

Speech and Language Disabilities major only:

BHS 207 Education in American
PSY 221 Child and Adolescent Development

EDS 340 Social and Philosophical Foundations of Education

OR

PSY 203 Developmental Psychology

EDS 371 Psychological Foundations:
Child Psychology & Development

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

COMPUTER SCIENCE

The Department of Computer Science at New Paltz offers a liberal arts major in computer science and the Math Department offers a major in Mathematics with a concentration in Computer Science.

Transfer students from a two-year degree program in Computer Science which includes several semesters of college-level mathematics (calculus or above) and at least three courses in Computer Science can usually complete the major in Computer Science in two years. See the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
CPS 141 Intro to Computer Science & Programming AND CPS 142 Advance Programming Techniques CPS 231 Data Structures CIS 227 Assembler Language Programming CPS 271-273 Special Study Projects]— CPS 210 Computer Science I: Foundations CPS 310 Computer Science II: Data Structures CPS 325 Computer Organization and Assembly Language Requires evaluation by Department Chair
MAT 221 Analytic Geometry & Calculus I MAT 222 Analytic Geometry & Calculus II MAT 214 Discrete Mathematics	MAT 251 Calculus I MAT 252 Calculus II MAT 320 Discrete Mathematics for Computing
<p><i>Select one science sequence:</i></p>	
CHE 121 General Chemistry I CHE 122 General Chemistry II OR PHY 151 Engineering Physics I PHY 152 Engineering Physics II PHY 251 Engineering Physics III	CHE 201 General Chemistry I CHE 202 General Chemistry II OR PHY 201 General Physics I AND PHY 202 General Physics II

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

ECONOMICS

New Paltz offers a B.A. and a B.S. in Economics which is designed to incorporate a liberal arts education with a strong background in economics. In addition to the core requirements of the economics program, students have the option of concentrating in business or international economics or they may choose a general economics program. The economics program requires 42-43 credits.

All students must have a Math Proficiency Level (MPL) of at least 4. The MPL 4 course at Dutchess is MAT 110 College Algebra. See the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
ECO 201 Micro Economics ECO 202 Macro Economics	ECO 206 Microeconomics ECO 207 Macroeconomics

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

EDUCATION

New Paltz offers undergraduate programs leading to certification in the following fields:

- Early Childhood (B-2)
- Childhood (1-6)
- Adolescence (7-12)
- Art (K-12) (See ART EDUCATION)
- Speech and Hearing Handicapped (See COMMUNICATION DISORDERS section)

All of the above programs include intensive fieldwork in public schools and/or specialized institutions depending on the certification area selected.

Early Childhood (B-2) and Childhood Education (1-6)

Students electing either childhood education certification programs must, in addition to, or as part of, the A.A. or A.S. degree, complete specific liberal arts coursework prerequisite to the curriculum, as well as choosing a liberal arts major.

Prerequisite liberal arts coursework includes:

- MAT 140 Math for Elementary School Teachers
- MAT 240 Geometry: A Modern Introduction
- GEO 273 Basic Physical Geography
- Two semesters of college level foreign language
- EDS 371 Child Psychology and Development
- EDS 340 Social and Philosophical Foundations of Education

▪ A Liberal Arts major selected from:

- | | |
|--|----------------------------------|
| ▪ Art History (30 credits) | ▪ Geography (30 credits) |
| ▪ Biology (31-35 credits) | ▪ History (30 credits) |
| ▪ Black Studies -History/Literature (30 credits) | ▪ Mathematics (34 credits) |
| ▪ Earth Science (36 credits) | ▪ Political Science (36 credits) |
| ▪ English (30 credits) | ▪ Spanish (30-36 credits) |
| ▪ French (30-36 credits) | |

One-half of the credits in the liberal art major/concentration must be completed at New Paltz. After meeting all criteria as listed above, as well as maintaining the grade point average required, students may enter the Professional Semester, and subsequently Student Teaching (See New Paltz catalog for details).

Jointly Registered Teacher Education Program

Students entering Dutchess Community College may elect to be part of the Jointly Registered Teacher Education Program with New Paltz. This program is designed to facilitate the transfer of students preparing to become certified teachers in Early Childhood B-2, Childhood 1-6, and Adolescence 7-12 education programs from Dutchess Community College to New Paltz. The advantages of this program include the fact that transfer students can complete the education programs in four years (two at Dutchess and two at New Paltz).

All JRTEP students interested in Early Childhood B-2 and Childhood 1-6 must complete the A.S./A.A degree, achieve a 2.75 cumulative grade point average and complete a separate application/interview with the School of Education advisor, to be admitted to New Paltz. Students must also maintain a cumulative grade point average of 2.75 their first semester at New Paltz to be admitted to the Professional Semester.

Students interested in this program must meet with the designated Dutchess Community College advisor before initial registration.

Early Childhood Education (B-2)

DUTCHESS COURSE

EQUIVALENT NEW PALTZ COURSE

<p>ECH 102 Introductory Seminar: Programs for Young Children AND ECH 254 Foundations and Issues in Diverse Early Childhood/Childhood Classrooms ECH 214 Observation and Assessment in Early Childhood Classrooms AND ECH 207 Observation and Assessment in Fieldwork</p>	<p>EED 370 Introduction to the Education of Diverse Populations in Early Childhood and Elementary School Settings</p>
<p>ECH 120 Infant and Toddler Curriculum AND ECH 121 Infant and Toddler Curriculum Fieldwork</p>	<p>EED 414 Developmentally Appropriate Practices for Children Birth - Second Grade</p> <p>EED 411 Curriculum I: Infants and Toddlers</p>
<p>MAT 107 Math for Elementary School Teachers MAT 117 Geometry for Elementary School Teachers PSY 221 Child and Adolescent Development</p>	<p>MAT 140 Mathematics for Elementary School Teachers I MAT 240 Mathematics for Elementary Education Teachers II EDS 371 Child Psychology and Development</p>

NOTE: A "C" or better is transferable for all courses except those with an education departmental EDU/35__ course number. These courses, EED 370, EED 414, and EED 411 require a "B-" or better.

Childhood Education (1-6)

DUTCHESS COURSE

EQUIVALENT NEW PALTZ COURSE

<p>BHS 207 Education in American Society MAT 107 Math for Elementary School Teachers MAT 117 Geometry for Elementary School Teachers PSY 221 Child & Adolescent Development OR PSY 203 Developmental Psychology LAT 200 Learner Diversity in Elementary Classrooms</p>	<p>EDS 340 Social and Philosophical Foundations of Education MAT 140 Mathematics for Elementary School Teachers I MAT 240 Mathematics for Elementary Education Teachers II</p> <p>EDS 371 Child Psychology and Development</p> <p>EED 370 Introduction to the Education of Diverse Populations in Early Childhood and Elementary School Settings</p>
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NOTE: A "C" or better is transferable for all courses except those with an education departmental EDU/35__ course number. This course, EED 370 requires a "B-" or better.

NOTE:

1. All childhood (B-2/1-6) education students must complete one year of college-level study of a language other than English. See the FOREIGN LANGUAGE section of this booklet for Dutchess/New Paltz equivalencies. Sign Language I and II are acceptable in meeting this requirement.
2. For equivalent course work in the various liberal arts see the appropriate sections of this booklet and the New Paltz catalog.

Students must successfully pass the Liberal Arts and Sciences test (LAST), the Assessment of Teaching Skills-Written (ATS-W) and the Content Specialty Test (CST) of the New York State Teacher Certification Examination in order to be eligible for initial certification.

Adolescence Education (7-12)

The Adolescence Education department requires a 2.75 cumulative grade point average and achievement of a “B” or better in both Freshman English I and Freshman English II. A supplemental program application is also required. Students seeking 7-12 certification must also major in one of the following disciplines:

- Biology (65-72 credits)
- Chemistry (56-59 credits)
- Earth Science (59-65 credits)
- English (42 credits)
- Spanish (36-48 credits)
- French(36-48 credits)
- Mathematics (47-48 credits)
- Physics (65-66 credits)
- Social Studies (45 credits)

In addition to coursework required in the academic discipline (See appropriate sections of this booklet for equivalencies), one year of college level study of a language other than English, and a series of education courses are also required. Dutchess offers the following equivalent coursework.

DUTCHESS COURSES

PSY 204 Adolescent Psychology
BHS 207 Education in American

EQUIVALENT NEW PALTZ COURSE

EDS 372 The Developing Adolescent
EDS 340 Social and Philosophical Foundations of Education

NOTE:

1. All adolescence (7-12) students must complete one year of college level study of a language other than English. See the FOREIGN LANGUAGE section of this booklet for Dutchess/New Paltz equivalencies. Sign Language I and II for AA/AS holders are acceptable in meeting this requirement.

2. For equivalent course work in the various liberal arts majors see the appropriate sections of this booklet and the New Paltz catalog.

Students must successfully pass the Liberal Arts and Sciences test (LAST) and the Assessment of Teaching Skills-Written (ATS-W) of the New York State Teacher Certification Examination in order to be eligible for provisional certification.

ELECTRICAL AND COMPUTER ENGINEERING

The Department offers comprehensive programs in Electrical Engineering and Computer Engineering. The Electrical and Computer Engineering programs are accredited by the Engineering Accreditation Commission (E.A.C.) of the Accreditation Board for Engineering and Technology (A.B.E.T.).

Electrical and computer engineering continue to be the growth programs in the field of engineering due to a rapidly changing technological society and expanding industrial needs. The program at New Paltz is designed to meet these needs generally, and more specifically the needs of the Mid-Hudson Valley. Engineering students graduate with a high level of technical competence combined with a liberal arts education that helps to develop managerial or research potential. Demonstrating its commitment to the liberal arts and sciences, the university has designed a curriculum to insure that engineering students will have a solid background in the humanities and social sciences to complement their professional studies, and to provide them with the knowledge and skill necessary to adapt to a changing world.

A key feature of engineering at New Paltz is the close working relationship the university enjoys with local high technology industry. The interest and support of industry inspired the development of the program and now ensure that it continues to be relevant to expanding and changing industrial needs.

The flexible engineering curriculum is designed to serve full and part-time students, both traditional and non-traditional. The curriculum serves students new to the engineering field as well as those who have had some experience in technical areas.

Engineering students are educated in mathematics and the sciences under the direction of faculty from appropriate departments, while engineering courses are taught by engineering faculty. Students are prepared for research, development, and management positions or for further study of engineering at the graduate level in a research oriented atmosphere.

The Electrical Engineering and Computer Engineering curriculums consist of a humanities/social sciences component, a pre-engineering phase and upper division engineering coursework. It should be noted that because of A.B.E.T. accreditation,

the engineering program requires a different, and more specific, liberal arts component than is required by other programs. For details of credits required in each component mentioned above, refer to the New Paltz catalog. See the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
ENG 101 Composition I	ENG 160 Freshman Composition I
ENG 102 Composition II	ENG 180 Freshman Composition II
CHE 121 General Chemistry I	CHE 201 General Chemistry I
CPS 141 Intro to Computer Science & Programming	CPS 210 Computer Science I: Foundations
ENR 102 Computer Programming for Engineers	CPS 210 Computer Science I: Foundations
AND CIS 114 Computer Programming in C	
CIS 214 C++ Object Oriented Programming	OR CPS 210 Computer Science I: Foundations
CPS 231 Data Structures	CPS 310 Computer Science II: Data Structures
MAT 221 Analytic Geometry & Calculus I	MAT 251 Calculus I
MAT 222 Analytic Geometry & Calculus II	MAT 252 Calculus II
MAT 223 Analytic Geometry & Calculus III	MAT 353 Calculus III
MAT 224 Differential Equations	MAT 359 Ordinary Differential Equations
PHY 151 Engineering Physics I	PHY 201 General Physics I
PHY 152 Engineering Physics II	
PHY 251 Engineering Physics III	AND PHY 202 General Physics II
PHY 252 Engineering Physics IV	PHY 309 Modern Physics
ELT 115 Digital I	EGC 230 Digital Logic Fundamentals
AND ELT 215 Digital II	
ENR 100 Engineering Technology Seminar	EGC 208 Digital Logic Laboratory
AND ENR 101 Introduction to Engineering	
ENR 201 Introduction to Electrical Circuits and Networks	EGG 101 Introduction to Engineering Science
ENR 204 Mechanics of Materials	EGE 293 Fundamental of Electrical Engineering: only 3 credits of course work will transfer to New Paltz
OR	PHY 315 Engineering Mechanics
ENR 205 Engineering Thermodynamics	PHY 315 Engineering Mechanics
OR	
ENR 207 Engineering Materials Science	PHY 315 Engineering Mechanics
OR	
ENR 208 Engineering Statics	PHY 315 Engineering Mechanics
AND ENR 209 Engineering Dynamics	

ENGLISH

The Department of English offers programs designed to give students a knowledge of literary heritage and to develop skills as writers and critics. Within the English major at New Paltz, a student may select one of four options: general liberal arts, graduate preparatory, creative writing, or creative writing for the theater. In addition, students in the childhood (B-2/1-6), or adolescence (7-12) teacher certification programs may select an English major. See the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSE	EQUIVALENT NEW PALTZ COURSE
ENG 201 English Literature: Pre-Renaissance to the 18th Century	ENG 301 English Literature I
ENG 202 English Literature: The Romantic Poets to the Modern Era	ENG 302 English Literature II

ENG 203 Literature of the United States:
Colonial Period to the Civil War
ENG 204 Literature of the United States:
Civil War to World War II

ENG 331 American Literature I
ENG 332 American Literature II

NOTE: Students who transfer one or more of the following courses will need a supplemental English course to meet the minimum number of credits for the New Paltz English major plan: ENG 201, 202, 203 and 204. These are 3-credit courses at SUNY Dutchess but 4-credit courses at New Paltz. Some students may be able to apply a SUNY Dutchess elective to this deficiency, while others will have to complete 1-credit or 3-credit electives at New Paltz.

Select three electives:

ENG 205 Eighteenth and Nineteenth Century Novel*	No corresponding course*
ENG 206 Twentieth and Twenty-First Century Novel*	No corresponding course*
ENG 207 Early Dramatic Literature: The Classics Through the Romantics*	No corresponding course*
ENG 208 Modern Dramatic Literature: Realism Through the Absurd*	No corresponding course*
ENG 209 Directed Writing of Fiction OR	ENG 345 Creative Writing Workshop I
ENG 210 Directed Writing of Poetry	
ENG 212 Greek and Roman Literature in Translation*	ENG 356 Greek & Roman Literature*
ENG 213 Asian Literature in Translation*	ENG 254 Modern Asian Literature*
ENG 214 Directed Writing of Creative Non-Fiction*	No corresponding course*
ENG 215 Modern Poetry*	No corresponding course*
ENG 216 The Short Story*	ENG 308 Studies in the Short Story*
ENG 218 Advanced Composition/ Peer Tutoring in Writing*	ENG 224 Expository Writing*
ENG 221 Russian Literature in Translation*	No corresponding course*
ENG 223 Women in American Literature*	ENG 323 Women in Literature: A Contemporary View*
ENG 224 African-American and Black Literature*	No corresponding course*
ENG 225 Issues/Ideas in Caribbean Literature*	No corresponding course*
ENG 227 Film and Literature*	ENG 443 Fiction into Film*
ENG 229 Literature of the Hudson Valley*	No corresponding course*
ENG 230 Shakespeare*	No corresponding course*
ENG 231 The Literature of Creative Non-Fiction*	No corresponding course*
ENG 263 Contemporary Literature in the United States*	ENG 255 Contemporary Issues in Literature*
ENG 264 Contemporary International Literature*	No Corresponding Course*
ENG 267 Selected Global Literary Studies*	No corresponding course*
ENG 268 Literary Studies I*	No corresponding course*
ENG 269 Literary Studies II*	No corresponding course*

*May be used as elective credit toward the New Paltz English major where applicable.

Early Childhood (B-2)/Childhood Education (1-6) English

One-half of the credits in the liberal art major/concentration must be completed at New Paltz.

DUTCHESS COURSE

ENG 201 English Literature:
Pre-Renaissance to the 18th Century

OR

ENG 202 English Literature:
The Romantic Poets to the Modern Era

ENG 203 American Literature:
Colonial Period to the Civil War

OR

ENG 204 American Literature:
Civil War to the Present

EQUIVALENT NEW PALTZ COURSE

ENG 301 English Literature I

ENG 302 English Literature II

ENG 331 American Literature I

ENG 332 American Literature II

ENG 209 Directed Writing of Fiction

OR

ENG 210 Directed Writing of Poetry

ENG 218 Advanced Composition/
Peer Tutoring in Writing

ENG 345 Creative Writing Workshop

ENG 224 Expository Writing

NOTE: Students who transfer one or more of the following courses will need a supplemental English course to meet the minimum number of credits for the New Paltz English major plan: ENG 201, 202, 203 and 204. These are 3-credit courses at SUNY Dutchess but 4-credit courses at New Paltz. Some students may be able to apply a SUNY Dutchess elective to this deficiency, while others will have to complete 1-credit or 3-credit electives at New Paltz.

Select no more than two electives:

ENG 205 Eighteenth and Nineteenth
Century Novel*

No corresponding course*

ENG 206 Twentieth Century Novel*

No corresponding course*

ENG 207 Early Dramatic Literature:
The Classics Through the Romantics*

No corresponding course*

ENG 208 Modern Dramatic Literature:
Realism Through the Absurd*

No corresponding course*

ENG 212 Greek and Roman Literature in Translation*

ENG 356 Greek & Roman Literature*

ENG 213 Asian Literature in Translation*

ENG 254 Modern Asian Literature*

ENG 215 Modern Poetry*

No corresponding course*

ENG 216 The Short Story*

ENG 308 Studies in the Short Story*

ENG 221 Russian Literature in Translation*

No corresponding course*

ENG 223 Women in American Literature*

ENG 323 Women in Literature: A Contemporary View*

ENG 224 African-American and Black Literature*

No corresponding course*

ENG 225 Issues/Ideas in Caribbean Literature*

No corresponding course*

ENG 227 Film and Literature*

ENG 443 Fiction into Film*

ENG 228 Business in Modern Literature*

No corresponding course*

ENG 229 Literature of the Hudson Valley*

No corresponding course*

ENG 230 Shakespeare*

No corresponding course*

ENG 231 The Literature of Creative Non-Fiction*

No corresponding course*

ENG 263 Contemporary Literature in the
United States*

ENG 255 Contemporary Issues in Literature*

ENG 264 Contemporary International Literature*

No corresponding Course*

ENG 267 Selected Global Literary Studies*

No corresponding course*

ENG 268 Literary Studies I*

No corresponding course*

ENG 269 Literary Studies II*

No corresponding course*

*May be used as elective course toward New Paltz English major/concentration where applicable.

Adolescence Education (7-12) English

One-half of the credits in the liberal arts major/concentration must be completed at New Paltz.

DUTCHESS COURSE

EQUIVALENT NEW PALTZ COURSE

ENG 201 English Literature:
Pre-Renaissance to the 18th Century

ENG 301 English Literature I

ENG 202 English Literature:
The Romantic Poets to the Modern Era

ENG 302 English Literature II

ENG 203 American Literature:
Colonial Period to the Civil War

ENG 331 American Literature I

ENG 204 American Literature:
Civil War to the Present

ENG 332 American Literature II

ENG 218 Advanced Composition/
Peer Tutoring in Writing

ENG 224 Expository Writing

NOTE: Students who transfer one or more of the following courses will need a supplemental English course to meet the

minimum number of credits for the New Paltz English major plan: ENG 201, 202, 203 and 204. These are 3-credit courses at SUNY Dutchess but 4-credit courses at New Paltz. Some students may be able to apply a SUNY Dutchess elective to this deficiency, while others will have to complete 1-credit or 3-credit electives at New Paltz.

Select two electives:

ENG 205 Eighteenth and Nineteenth Century Novel*	No corresponding course*
ENG 206 Twentieth Century Novel*	No corresponding course*
ENG 207 Early Dramatic Literature: The Classics Through the Romantics*	No corresponding course*
ENG 208 Modern Dramatic Literature: Realism Through the Absurd*	No corresponding course*
ENG 209 Directed Writing of Fiction	
OR	ENG 345 Creative Writing Workshop I
ENG 210 Directed Writing of Poetry	
ENG 212 Greek and Roman Literature in Translation*	ENG 356 Greek & Roman Literature*
ENG 213 Asian Literature in Translation*	ENG 254 Modern Asian Literature*
ENG 215 Modern Poetry*	No corresponding course*
ENG 216 The Short Story*	ENG 308 Studies in the Short Story*
ENG 221 Russian Literature in Translation*	No corresponding course*
ENG 223 Women in American Literature*	ENG 323 Women in Literature: A Contemporary View*
ENG 224 African-American and Black Literature*	No corresponding course*
ENG 225 Issues/Ideas in Caribbean Literature*	No corresponding course*
ENG 227 Film and Literature*	ENG 443 Fiction into Film*
ENG 228 Business in Modern Literature*	No corresponding course*
ENG 229 Literature of the Hudson Valley*	No corresponding course*
ENG 230 Shakespeare*	No corresponding course*
ENG 231 The Literature of Creative Non-Fiction*	No corresponding course*
ENG 263 Contemporary Literature in the United States*	ENG 255 Contemporary Issues in Literature*
ENG 264 Contemporary International Literature*	No Corresponding Course*
ENG 267 Selected Global Literary Studies*	No corresponding course*
ENG 268 Literary Studies I*	No corresponding course*
ENG 269 Literary Studies II*	No corresponding course*

*May be used as elective course toward New Paltz English major/concentration where applicable.

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

ENVIRONMENTAL GEOCHEMICAL SCIENCE

Environmental Geochemical Science is an interdisciplinary undergraduate degree program administered by the Department of Geological Sciences, 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 in Environmental Geochemical Science and a minor in Environmental Science are offered. See the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES

GLG 121 Physical Geology
 GLG 124 The Earth Through Time
 BIO 101 General Biology I
 BIO 102 General Biology II
 BIO 107 Ecology
 CHE 121 General Chemistry I

EQUIVALENT NEW PALTZ COURSE

GLG 220 Physical Geology
 GLG 301 Historical Geology
 BIO 201 General Biology I
 BIO 202 General Biology II
 BIO 202 Ecology
 CHE 201 General Chemistry I

CHE 122 General Chemistry II
 CHE 231 Organic Chemistry I
 MAT 118 Elementary Statistics
 MAT 221 Analytic Geometry & Calculus I
 MAT 222 Analytic Geometry & Calculus II
 PHY 151 Engineering Physics I
 PHY 152 Engineering Physics II

CHE 202 General Chemistry II
 CHE 318 Organic Chemistry I
 MAT 241 Introduction to Statistics
 MAT 251 Calculus I
 MAT 252 Calculus II
 PHY 201 General Physics I
 PHY 202 General Physics II

FOREIGN LANGUAGES

Dutchess students who have taken French or Spanish may continue that study at New Paltz, either as elective courses or as a major in one of those languages. Students in the childhood (B-2/1-6) education programs may select a French or Spanish major, while those in the adolescence (7-12) education program may select a French or Spanish major.

New Paltz also offers language instruction in Chinese, Hebrew, Italian, Japanese, KiSwahili, Latin, and Russian. Overseas programs of varying lengths are regularly offered in China, Ecuador, France, Italy, Spain, Russia, and Germany, giving students an excellent opportunity to develop language skills and to learn directly about the target cultures. See New Paltz catalog for details.

NOTE: Students seeking certification in childhood education or adolescence education must complete one year of college level foreign language.

One-half of the credits in the major must be completed at New Paltz.

French

DUTCHESS COURSES

FRE 101 Elementary French I
 FRE 102 Elementary French II

OR

FRE 199 French Review
 FRE 201 Intermediate French I

OR

FRE 204 French Culture and Language I
 FRE 202 Intermediate French II

OR

FRE 205 French Culture and Language II
 FRE 271 Special Study Project I
 FRE 272 Special Study Project II
 FRE 273 Special Study Project III
 FRE 301 Advanced French I
 FRE 302 Advanced French II

EQUIVALENT NEW PALTZ COURSE

FRN 101 Elementary French I

FRN 102 Elementary French II

FRN 201 Intermediate French I

FRN 202 Intermediate French II

FRN 294 Field Work in French

OR

FRN 295 Independent Study/ French
 FRN 301 French Composition/ Conversation I
 FRN 302 French Composition/ Conversation II

German

DUTCHESS COURSES

GER 101 Elementary German I
 GER 102 Elementary German II
 GER 201 Intermediate German I
 GER 202 Intermediate German II
 GER 271 Special Study Project I
 GER 272 Special Study Project II
 GER 273 Special Study Project III
 GER 301 Advanced German I
 GER 302 Advanced German II

EQUIVALENT NEW PALTZ COURSE

GER 101 Elementary German I

GER 102 Elementary German II

GER 201 Intermediate German I

GER 202 Intermediate German II

GER 294 Field Work in German

OR

GER 295 Independent Study/ German
 GER 311 German Composition/ Conversation I
 GER 312 German Composition/ Conversation II

Italian

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
ITL 101 Elementary Italian I	ITA 101 Elementary Italian I
ITL 102 Elementary Italian II	ITA 102 Elementary Italian II
OR	
ITL 199 Italian Review	
ITL 201 Intermediate Italian I	ITA 201 Intermediate Italian I
OR	
ITL 204 Italian Culture and Language I	
ITL 202 Intermediate Italian II	ITA 202 Intermediate Italian II
OR	
ITL 205 Italian Culture and Language II	
ITL 271 Special Study Project I	ITA 294 Fieldwork in Italian
ITL 272 Special Study Project II	OR
ITL 273 Special Study Project III	ITA 295 Independent Study/ Italian

Spanish

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
SPA 101 Elementary Spanish I	SPA 101 Elementary Spanish I
SPA 102 Elementary Spanish II	SPA 102 Elementary Spanish II
OR	
SPA 199 Spanish Review	
SPA 201 Intermediate Spanish I	SPA 201 Intermediate Spanish I
OR	
SPA 204 Spanish Culture and Language I	
SPA 202 Intermediate Spanish II	SPA 202 Intermediate Spanish II
OR	
SPA 205 Spanish Culture and Language II	
SPA 271 Special Study Project I	SPA 294 Field Work in Spanish
SPA 272 Special Study Project II	OR
SPA 273 Special Study Project III	SPA 295 Independent Study/Spanish
SPA 301 Advanced Spanish I	SPA 301 Spanish Composition & Conversation I
SPA 302 Advanced Spanish II	SPA 361 Spanish Composition & Conversation II

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

GEOGRAPHY

The department offers a comprehensive liberal arts major to prepare students for graduate study in geography or for employment in fields actively seeking geographers. Students in the childhood (B-2/1-6) programs may select a geography major, while those in the adolescence (7-12) program may select geography courses as part of the social studies major in the education curriculum. Additionally, the department offers a standard minor in geography. See the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
GEO 101 Geography of Europe, The Middle East and Africa*	No corresponding course*
GEO 102 Geography of Asia, the Pacific, and Western Hemisphere*	No corresponding course*
GEO 271 Special Study Project I	GEO 495 Independent Study: needs to be reviewed by the Department Chair
GEO 272 Special Study Project II	
GEO 273 Special Study Project III	
MAT 118 Elementary Statistics	MAT 241 Introduction to Statistics
BIO 107 Ecology	BIO 202 Ecology
	OR
GLG 121 Physical Geology	GLG 220 Physical Geology

*May be used as elective course toward New Paltz Geography major where applicable.

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

GEOLOGICAL SCIENCES

Students may pursue a liberal arts major in geology with an optional emphasis in environmental geoscience or environmental geology. In addition, students in the childhood (B-2/1-6) or adolescence (7-12) teacher certification programs may select a geology major as part of the education curriculum.

The department has excellent laboratory and equipment facilities, including a full array of petrographic microscopes, a petrographic thin section preparation facility, complete survey equipment for field geology studies, x-ray diffraction and fluorescence equipment, a microcomputer laboratory, and access to an electron microscope facility. Members of the department encourage capable students to make maximum use of equipment, both in class and in supervised independent research. The department also sponsors field study classes which are important to the study of geology.

The geology major requires a number of cognate courses in physics, chemistry, and mathematics, in addition to the geology coursework. See New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES

EQUIVALENT NEW PALTZ COURSE

GLG 121 Physical Geology	GLG 220 Physical Geology
GLG 124 The Earth Through Time	GLG 301 Historical Geology
CHE 121 General Chemistry I	CHE 201 General Chemistry I
CHE 122 General Chemistry II	CHE 202 General Chemistry II
MAT 221 Analytic Geometry & Calculus I	MAT 251 Calculus I
PHY 151 Engineering Physics I	PHY 201 General Physics I
MAT 118 Elementary Statistics	MAT 241 Introduction to Statistics
OR	
MAT 222 Analytic Geometry & Calculus II	MAT 252 Calculus II
PHY 152 Engineering Physics II	PHY 202 General Physics II
OR	
PHY 122 General Physics II	PHY 222 Fundamental Physics II

Recommended Courses:

BIO 101 General Biology I	BIO 201 General Biology I
CPS 141 Intro to Computer Science & Programming	CPS 210 Computer Science I: Foundations

Early Childhood (B-2)/ Childhood Education (1-6) Earth Science

One-half of the credits in the liberal art major/concentration must be completed at New Paltz.

DUTCHESS COURSES

EQUIVALENT NEW PALTZ COURSE

AST 131 Solar System Astronomy	AST 201 Exploring the Solar System
OR	
AST 132 Astronomy of Stars and Galaxies	AST 202 Exploring the Universe
CHE 121 General Chemistry	CHE 201 General Chemistry I
GLG 121 Physical Geology	GLG 220 Physical Geology
GLG 124 The Earth Through Time	GLG 301 Historical Geology
PHS 111 Weather and Climate	GLG 120 Weather and Environment

NOTE: This major has a Mathematics Placement Level of 5, which can be met by passing MAT 185 Pre-Calculus Mathematics at Dutchess.

Adolescence Education (7-12) Earth Science

One-half of the credits in the liberal art major/concentration must be completed at New Paltz.

DUTCHESS COURSES

AST 131 Solar System Astronomy
OR
AST 132 Astronomy of Stars and Galaxies
CHE 121 General Chemistry I
CHE 122 General Chemistry II
GLG 121 Physical Geology
GLG 124 The Earth Through Time
PHS 111 Weather and Climate
PHS 107 Technology and Energy
MAT 221 Analytic Geometry & Calculus I
PHY 151 Engineering Physics I
PHY 152 Engineering Physics II
OR
PHY 122 General Physics II

EQUIVALENT NEW PALTZ COURSE

AST 201 Exploring the Solar System
AST 202 Exploring the Universe
CHE 201 General Chemistry I
CHE 202 General Chemistry II
GLG 220 Physical Geology
GLG 301 Historical Geology
GLG 120 Weather and Environment
GLG 339 Natural Resources and Energy
MAT 251 Calculus I
PHY 201 General Physics I
PHY 202 General Physics II
PHY 222 Fundamental Physics II

Recommended Courses:

BIO 101 General Biology I
CPS 141 Intro to Computer Science & Programming

BIO 201 General Biology I
CPS 210 Computer Science I: Foundations

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

HISTORY/SOCIAL STUDIES

New Paltz offers a liberal arts major in history. In addition, education students in the childhood (B-2/1-6) teacher certification programs may select a history major, and those in the adolescence education (7-12) program, may select a social studies major.

The liberal arts history major requires 33 credits of history coursework including an upper-division seminar. Courses must be selected from European and United States History as well as from regions and cultures outside of these areas. See the History section of the New Paltz catalog for details. The adolescence education (7-12) certification curriculum requires a social studies major which consists of selected coursework in economics, political science and geography, as well as in history. See the Adolescence Education section of the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES

Select four courses:

HIS 103 History of the United States I*
HIS 104 History of the United States II*
HIS 206 The Latin Americans*
HIS 207 History of Russia and the Soviet Union*
HIS 209 The History of the African American*
HIS 210 The Holocaust in History*
HIS 214 The History of Women in the US
HIS 215 The History of the City of New York*
HIS 216 The History of Dutchess County*
HIS 225 History of American Culture and Ideas
HIS/GOV 220 The War in Vietnam

EQUIVALENT NEW PALTZ COURSE

HIS 221 United States History to 1865*
HIS 222 United States History since 1865*
No corresponding course*
HIS 333 Soviet Union*
No corresponding course*
HIS 373 The Holocaust*
HIS 314 History of Women in US
No corresponding course*
HIS 461 Hudson Valley Culture*
HIS 328 American Social and Cultural History: 1877 to Present
HIS 467 The United States in Vietnam

*May be used as credit toward the New Paltz History major where applicable.

Early Childhood (B-2)/Childhood Education (1-6) History

One-half of the credits in the liberal art major/concentration must be completed at New Paltz.

DUTCHESS COURSES

EQUIVALENT NEW PALTZ COURSE

Required:

HIS 103 History of the United States I
HIS 104 History of the United States II
HIS/GOV 121 The American National Experience

HIS 221 United States History to 1865
HIS 222 United States History since 1865
POL 216 American Government and Politics

Select two courses:

HIS 206 The Latin Americans*
HIS 207 History of Russia and the Soviet Union
HIS 209 The History of the African American*
HIS 210 The Holocaust in History
HIS 214 The History of Women in the US
HIS 215 The History of the City of New York*
HIS 216 The History of Dutchess County*
HIS/GOV 220 The War in Vietnam
HIS 225 History of American Culture and Ideas

No corresponding course*
HIS 333 Soviet Union
No corresponding course*
HIS 373 The Holocaust
HIS 314 History of Women in US
No corresponding course*
HIS 461 Hudson Valley Culture*
HIS 467 The United States in Vietnam
HIS 328 American Social and Cultural History: 1877 to Present

*May be used as elective credit toward the New Paltz History liberal arts concentration where applicable.

Adolescence Education (7-12) Social Studies

One-half of the credits in the liberal art major/concentration must be completed at New Paltz.

DUTCHESS COURSES

EQUIVALENT NEW PALTZ COURSE

Required:

HIS 103 History of the United States I
HIS 104 History of the United States II
HIS/GOV 121 The American National Experience

HIS 221 United States History to 1865
HIS 222 United States History since 1865
POL 216 American Government and Politics

OR

GOV 219 Global Politics
GOV 221 Comparative Political Systems
ECO 201 Microeconomics
ECO 202 Macroeconomics

POL 227 International Politics
POL 229 Introduction to Comparative Politics
ECO 206 Microeconomics
ECO 207 Macroeconomics

NOTE: Students who transfer two or more of the following courses HIS/GOV 121 or GOV 219 and GOV 221 will need to complete a supplemental political science course at New Paltz to meet the minimum number of credits for the major plan.

Electives:

HIS 206 The Latin Americans*
HIS 207 History of Russia and the Soviet Union
HIS 210 The Holocaust in History
HIS 214 The History of Women in the US
HIS 215 The History of the City of New York*
HIS 216 The History of Dutchess County*
HIS 220/GOV 220 The War in Vietnam
HIS 225 History of American Culture and Ideas
BHS 204 Anthropology
GOV 222 State and Local Government
GOV 201 Modern Political Ideologies

No corresponding course*
HIS 333 Soviet Union
HIS 373 The Holocaust
HIS 314 History of Women in US
No corresponding course*
HIS 461 Hudson Valley Culture*
HIS 467 The United States in Vietnam
HIS 328 American Social and Cultural History: 1877 to Present
ANT 211 General Anthropology
POL 301 State Politics
POL 344 Contemporary Political Ideologies

*May be used as elective credit toward the New Paltz Social Studies major where applicable.

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

INTERNATIONAL RELATIONS

New Paltz is the only Liberal Arts and Sciences unit in the SUNY System to offer the International Relations major. The major and minor in International Relations offer students the opportunity to acquire an in-depth introduction to the field of international relations. The core disciplines of this field of study are Political Science, History and Economics. Courses are also drawn from the Departments of Anthropology, Black Studies, Geography, and Sociology and accepted for credit in the program. Students majoring in International Relations can, usually after further training at the graduate level, go on to occupations in the business world, government service and education. Since students will be working in a number of departments while at New Paltz, the International Relations major is also a good choice for those looking for a broadly-based field of study even if they will not be pursuing a career in the International area.

International Relations can be combined in creative ways with offerings of other major and minor programs. For example, a major in International Relations can be combined with minors in Business, Political Science, History, Economics or any of the other departments which offer courses in the program. Alternatively, students can minor in International Relations while majoring in one of the other departments. Such combinations will often enhance a student's record as he or she applies for employment after graduation or for admission to graduate programs.

See the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSE

EQUIVALENT NEW PALTZ COURSE

Required:

GOV 219 Global Politics
BHS 206 Cultural Anthropology

POL 227 International Politics
ANT 214 Cultural Anthropology

Select two electives:

HIS 220/GOV 220 The War in Vietnam
GOV 221 Comparative Political Systems
HIS 206 The Latin Americans*
HIS 207 History of Russia and the Soviet Union*
HIS 210 The Holocaust in History*

HIS 467 The United States in Vietnam
POL 229 Introduction to Comparative Politics
No corresponding course*
HIS 333 Soviet Union*
HIS 373 The Holocaust*

*May be used as elective credit toward the New Paltz International Relations major where applicable.

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

JOURNALISM

The Journalism program at New Paltz, housed in the Department of Communication and Media, offers a course of study that students will absolutely need if they are to succeed in today's news media. At New Paltz, students will have the chance to obtain a bachelor's degree in journalism, a degree that is only available at two publicly funded universities in New York State.

Students will be trained in the essentials of journalism in order to prepare them for a professional internship. Students take a range of practical news writing and news gathering courses and combine them with theoretical classes that introduce the role of the mass media in America's democracy. Courses dealing with the history, ethics and law of the press are taught by a faculty of former reporters and editors who have not only worked in newsrooms, but who have also written books and articles about journalism.

In the practical journalism classes, students do all their writing in a computer laboratory that simulates a newsroom. For prospective editors, there is a desktop publishing system that teaches page design and graphics. See the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSE**EQUIVALENT NEW PALTZ COURSE**

ENG 211 Newswriting, Editing & Publication
COM 140 Media and Society

JRN 230 Journalism I
CMM 101 Media and Society

Public Relations Concentration only

BUS 105 Advertising
COM 120 Introduction to Media Writing
COM221 Media Strategies for Public Relations
SPE 101 Public Speaking
SPE 219 Intercultural Communication

CMM 221 Introduction to Advertising
CMM 319 Writing for Digital Writing
JRN 315 Introduction to Public Relations
CMM 104 Public Speaking
CMM 359 Communication Among Cultures

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

LATIN AMERICAN STUDIES

The major and minor in Latin American Studies are designed to provide students with a broad working knowledge of the region's history, geography, languages and cultures, as well as understanding of the diverse perspectives and value of its people. Students pursuing the major must take a required introductory course and a senior seminar, plus courses selected from a number of different departments, including Anthropology, History, Black Studies, Spanish, Geography, Political Science and Women's Studies. The major is designed to provide students with Spanish speaking skills sufficient for them to pursue some coursework in Latin American cultures and literature taught in Spanish.

The Latin American Studies minor does not require proficiency in a foreign language. Students choose appropriate courses from at least three different departments and take a required introductory course.

Either a major or minor in Latin American Studies complements many other fields of study. As examples, a student majoring in International Relations, History, Business Administration, Spanish, or Geography can broaden his or her preparation or either graduate school or employment after graduation by completing a second major or minor in Latin American Studies. See New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSE**EQUIVALENT NEW PALTZ COURSE**

SPA 101 Elementary Spanish I
SPA 102 Elementary Spanish II

SPA 101 Elementary Spanish I

OR

SPA 199 Spanish Review
SPA 201 Intermediate Spanish I

SPA 102 Elementary Spanish II

OR

SPA 204 Spanish Culture and Language I
SPA 202 Intermediate Spanish II

SPA 201 Intermediate Spanish I

OR

SPA 205 Spanish Culture and Language II

SPA 202 Intermediate Spanish II

SPA 271 Special Study Project I

SPA 294 Field Work in Spanish

SPA 272 Special Study Project II

OR

SPA 273 Special Study Project III

SPA 295 Independent Study/Spanish

SPA 301 Advanced Spanish I

SPA 301 Spanish Composition & Conversation I

SPA 302 Advanced Spanish II

SPA 361 Spanish Composition & Conversation II

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

MATHEMATICS

The liberal arts Mathematics major at New Paltz offers three concentrations: pure mathematics, computer science, and actuarial mathematics. The major in Mathematics provides a strong theoretical background for graduate or industrial work. It also focuses on applied areas of mathematics where scientific computing plays a central role.

In addition, students in the Childhood (B-2/1-6) or Adolescence (7-12) teacher certification programs may select a mathematics major as part of the education curriculum. See the New Paltz catalog for details.

All prospective Mathematics majors must have completed up to Calculus I and be enrolled in Calculus II.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES

MAT 100 Intermediate Algebra

MAT 110 College Algebra

OR

MAT 184 Algebra and Trig for Precalculus

MAT 185 Precalculus

EQUIVALENT NEW PALTZ COURSE

MAT 050 Basic Algebra

MAT 152 College Algebra

MAT 181 Precalculus

Liberal Arts Mathematics Major

DUTCHESS COURSES

MAT 214 Discrete Mathematics

OR

MAT 217 Introduction to Proofs

MAT 215 Introduction to Linear Algebra

MAT 221 Analytic Geometry & Calculus I

MAT 222 Analytic Geometry & Calculus II

MAT 223 Analytic Geometry & Calculus III

MAT 224 Differential Equations

CPS 141 Intro to Computer Science & Programming

CPS 231 Data Structures

EQUIVALENT NEW PALTZ COURSE

MAT 260 Foundations of Mathematics I

MAT 362 Linear Algebra

MAT 251 Calculus I

MAT 252 Calculus II

MAT 353 Calculus III

MAT 359 Ordinary Differential Equations

CPS 210 Computer Science I: Foundations

CPS 310 Data Structures

Early Childhood (B-2)/Childhood Education (1-6) Mathematics

One-half of the credits in the liberal art major/concentration must be completed at New Paltz.

DUTCHESS COURSES

MAT 107 Math for Elementary School Teachers

MAT 117 Geometry for Elementary School Teachers

MAT 118 Elementary Statistics

MAT 214 Discrete Mathematics

OR

MAT 217 Introduction to Proofs

MAT 221 Analytic Geometry & Calculus I

MAT 222 Analytic Geometry & Calculus II

EQUIVALENT NEW PALTZ COURSE

MAT 140 Mathematics for Elementary Education Teachers I

MAT 240 Mathematics for Elementary Education Teachers II

MAT 241 Introductory Statistics

MAT 260 Foundations of Mathematics I

MAT 251 Calculus I

MAT 252 Calculus II

Select one:

CPS 141 Intro to Computer Science & Programming

OR

CIS 113 Visual Basic Programming

CPS 210 Computer Science I: Foundations

CPS 104 Visual Programming

Select one elective:

MAT 215 Introduction to Linear Algebra

MAT 223 Analytic Geometry & Calculus III

MAT 362 Linear Algebra

MAT 353 Calculus III

Adolescence Education (7-12) Mathematics

One-half of the credits in the liberal art major/concentration must be completed at New Paltz.

DUTCHESS COURSES

EQUIVALENT NEW PALTZ COURSE

MAT 214 Discrete Mathematics

OR

MAT 217 Introduction to Proofs

MAT 215 Introduction to Linear Algebra

MAT 221 Analytic Geometry & Calculus I

MAT 222 Analytic Geometry & Calculus II

MAT 223 Analytic Geometry & Calculus III

MAT 260 Foundations of Mathematics I

MAT 362 Linear Algebra

MAT 251 Calculus I

MAT 252 Calculus II

MAT 353 Calculus III

Select one:

CIS 113 Visual Basic Programming

OR

CPS 141 Intro to Computer Science & Programming

PHY 151 Engineering Physics I

PHY 152 Engineering Physics II

CPS 104 Visual Programming

CPS 210 Computer Science I: Foundations

PHY 201 General Physics I

PHY 202 General Physics II

Recommended:

CPS 231 Data Structures

CPS 310 Data Structures

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

MUSIC

Programs in music are designed to develop awareness of the beauty and meaning of the art as practiced in the past and present. Flexibility is encouraged in the planning of individual programs, both for those who wish to major in music and for those who wish to acquaint themselves with this facet of our culture. Most music courses reflect an integrated approach to the study of music.

Music majors will choose a concentration in performance (Classical or Jazz), music history and literature, or music theory and composition. New Paltz is fully accredited by the National Association of Schools of Music and the American Music Therapy Association. See the New Paltz catalog for details.

Prospective Music majors must participate in an audition.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSE

EQUIVALENT NEW PALTZ COURSE

MUS 113 Aural Skills I

MUS 114 Aural Skills II

MUS 231 Sight Singing and Ear Training I

MUS 232 Sight Singing and Ear Training II

MUS 115 Music Theory I

MUS 116 Music Theory II

MUS 203 Theory I

MUS 204 Theory II

MUS 121 Chorus I

MUS 122 Chorus II

MUS 221 Chorus III

MUS 222 Chorus IV

MUS 142 College Community

OR

MUS 144 Concert Choir: two Dutchess semesters count as one New Paltz requirement

MUS 131 Jazz Ensemble I

MUS 132 Jazz Ensemble II

MUS 162 Chamber Jazz Ensembles: two Dutchess

semesters count as one New Paltz requirement

MUS 136 Orchestra I

MUS 141 College/Youth Symphony

MUS 137 Orchestra II
MUS 236 Orchestra III
MUS 237 Orchestra IV

MUS 141 College/Youth Symphony
MUS 141 College/Youth Symphony
MUS 141 College/Youth Symphony

MUS 231 Jazz Ensemble III
MUS 232 Jazz Ensemble IV

MUS 162 Chamber Jazz Ensembles: two Dutchess
semesters count as one New Paltz requirement

MUS 201 History of Music I
MUS 202 History of Music II

MUS 331 Music of the Middle Ages and Renaissance
MUS 332 Music of the Baroque and Classical Periods

MUS 205 Vocal Repertoire I*
MUS 206 Vocal Repertoire II*

No corresponding course*
No corresponding course*

MUS 210 Advanced Performance I
MUS 211 Advanced Performance II

MUS 221 And MUS 222 Applied Music: no more than
two semesters of applied music is allowed in transfer

MUS 212 History of the American Musical Theater*
MUS 219 Electronic Music Workshop

No corresponding course*
MUS 350 Computer and Electronic Music

MUS 141 Piano I
MUS 142 Piano II
MUS 241 Piano III
MUS 242 Piano IV

MUS 201 Piano I AND MUS 202 Piano II: two Dutchess
semesters count as one New Paltz requirement
MUS 301 Piano III: may be repeated for credit
MUS 301 Piano III: may be repeated for credit

MUS 151 Dutchess Madrigal Singers I
MUS 152 Dutchess Madrigal Singers II
MUS 251 Dutchess Madrigal Singers III
MUS 252 Dutchess Madrigal Singers IV

MUS 146 Chamber Singers: two Dutchess
semesters count as one New Paltz requirement
MUS 146 Chamber Singers: two Dutchess
semesters count as one New Paltz requirement

MUS 271 Special Study Project I
MUS 272 Special Study Project II
MUS 273 Special Study Project III

MUS 295 Independent Study Music
OR
MUS 294 Fieldwork in Music

Jazz Studies major only:

MUS 135 Jazz: Its History and Influence

MUS 160 History of Jazz

*May be used as elective credit toward the New Paltz Music major where applicable.

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

Placement Exams:

At the time of audition, all students take placement exams in theory, sight singing and ear training to determine their levels of proficiency. Students may choose to take placement exams in piano, voice and guitar in order to place into the advanced level or to waive a requirement.

Outcomes Assessments:

As part of the New York State mandated outcomes assessment process, music majors take examinations each semester in sight singing and music dictation. If students do not maintain these skills, they must repeat sight singing and ear training according to the level of their proficiency. Sight singing is taught in the Sight Singing and Ear Training sequence and in Applied Music. Ear Training is taught in the SS/ET sequence and in workshops throughout the year.

PHILOSOPHY

The Department of Philosophy offers both a major leading to the B.A. degree and a minor. Our program is designed to acquaint students with the major divisions of philosophy (logic, theory of knowledge, metaphysics, ethics and political theory, and aesthetics), and with the principal historical and contemporary figures and schools.

Philosophy is inherently interdisciplinary, so many of our courses are connected with other disciplines and subjects such as the natural sciences, the social sciences, history, language, literature and the arts, religion, technology, business, and medicine.

Philosophical study requires and enhances the ability to think and write critically and effectively, and is excellent preparation for graduate study in various professions, including medicine, law, government, business and journalism. See the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
<i>Required:</i>	
PHI 205 Ethical Theory and Contemporary Issues	PHI 304 Ethics
<i>Select three electives:</i>	
PHI 107 Introduction to the Art of Reasoning*	PHI 110 Reason and Argument*
PHI 201 Philosophy: The Primary Issues*	PHI 120 Introduction to Philosophy: Classics*
PHI 203 Major Religions of the World*	PHI 300 Religions of the World*
PHI 271 Special Study Project I	May count as electives if their content is appropriate, to be determined by the Department Chair
PHI 271 Special Study Project II	
PHI 271 Special Study Project III	

*May be used as elective credit toward the New Paltz Philosophy major where applicable.

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

PHYSICS

Physics is the study of the laws that govern how our natural universe works. Physicists are employed in a very wide range of activities in and out of physics such as teaching, research, computing, business and finance. Majors often continue with some sort of postgraduate study; a physics degree is an excellent base for professional schools such as law and medicine, in addition to physics itself.

Students in adolescence education (7-12) may choose a physics major as part of the education curriculum. A dual degree program culmination in a B.S. in Physics and a B.S.E.E. in Electrical Engineering is also available. See the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSE	EQUIVALENT NEW PALTZ COURSE
PHY 151 Engineering Physics I	PHY 201 General Physics I AND PHY 202 General Physics II
PHY 152 Engineering Physics II	
PHY 251 Engineering Physics III	
CHE 121 General Chemistry I	CHE 201 General Chemistry I
MAT 221 Analytic Geometry & Calculus I	MAT 251 Calculus I
MAT 222 Analytic Geometry & Calculus II	MAT 252 Calculus II
CPS 141 Intro to Computer Science & Programming	CPS 210 Computer Science I: Foundations

Adolescence Education (7-12) Physics

One-half of the credits in the liberal art major/concentration must be completed at New Paltz.

DUTCHESS COURSE	EQUIVALENT NEW PALTZ COURSE
PHY 151 Engineering Physics I	PHY 201 General Physics I AND PHY 202 General Physics II
PHY 152 Engineering Physics II	
PHY 251 Engineering Physics III	
CHE 121 General Chemistry I	CHE 201 General Chemistry I
CHE 122 General Chemistry II	CHE 202 General Chemistry II
CPS 141 Intro to Computer Science & Programming	CPS 210 Computer Science I: Foundations

MAT 221 Analytic Geometry & Calculus I
 MAT 222 Analytic Geometry & Calculus II
 MAT 223 Analytic Geometry & Calculus III
 MAT 224 Differential Equations

MAT 251 Calculus I
 MAT 252 Calculus II
 MAT 353 Calculus III
 MAT 359 Ordinary Differential Equations

Select one:

AST 131 Solar System Astronomy
 AST 132 Astronomy of Stars and Galaxies
 BIO 101 General Biology I
 GLG 121 Physical Geology

AST 201 Exploring the Solar System
 AST 202 Exploring the Universe
 BIO 201 General Biology I
 GLG 220 Physical Geology

If a Dutchess student completes only PHY 151, he or she should register for a one-credit modular course in physics and attend the last five weeks (thermodynamics segment) of General Physics I at New Paltz.

If a student completes PHY 151 and 152 at Dutchess, he or she must register for a one-credit modular course in optics, as well as the one credit modular referred to in the previous paragraph, during the first semester at New Paltz. See the Physics Department chairman for details.

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

POLITICAL SCIENCE

The department offers three separate liberal arts majors and three minors: majors in political science, political economy and international relations; minors in political science, international relations, and law and politics. Education students in childhood (B-2/1-6) teacher certification programs may select a political science major as part of the education curriculum. Students majoring in social studies in the adolescence (7-12) teacher certification program may take political science courses as part of that major.

The political science program at New Paltz includes courses in American government and politics, comparative politics, political theory, international relations, and a variety of offerings in law and law-related fields. Students may participate annually for academic credit in a Model United Nations Program. The department also offers a full-semester internship program, with a wide variety of internship placements open to students in the New York State Legislature, public agencies of the Rockland, and New York City government. Internships are also available with the Legislative Gazette, which is the only weekly newspaper covering the N.Y.S. Legislature. See the New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES

EQUIVALENT NEW PALTZ COURSE

Required:

GOV 121 The American National Experience
 GOV 219 Global Politics
 GOV 221 Comparative Political Systems

POL 216 American Government and Politics
 POL 227 International Politics
 POL 229 Introduction to Comparative Politics

NOTE: Students who transfer two or more of the following courses HIS/GOV 121, GOV 219 and GOV 221 will need to complete a supplemental political science course at New Paltz to meet the minimum number of credits for the major plan.

Electives:

GOV 151 Introduction to Law*
 GOV 211 American Politics and the Media*
 GOV 222 State and Local Government*
 GOV 263 National Model United Nations I*

No corresponding course*
 POL 319 Politics and Media*
 POL 301 State and Politics*
 No corresponding course*

*May be used as elective credit toward the New Paltz Political Science major where applicable.

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

PRE-MEDICAL PROFESSIONS

New Paltz does not offer a pre-medical degree. Students who wish to enter such fields as medicine, dentistry, optometry, podiatry, osteopathy, or veterinary medicine need to pursue a strong college program, emphasizing mathematics and laboratory science. It should be understood that few colleges offer a true 'pre-med' program leading to a degree. What all colleges offer is the opportunity to prepare for admission to a health professional school by taking selected courses guided by a knowledgeable faculty advisor.

There is also no specific major required by health profession schools, however most students, therefore, opt for a major in the sciences since the majority of health profession school course requirements also fulfill portions of a biology, chemistry or physics major. It is important to note that entrance exams include substantial material dealing with the sciences.

Students may select the Liberal Arts and Science-Mathematics and Science A.A. degree program at Dutchess and major in a related discipline at New Paltz upon transfer.

What coursework is necessary for the Pre-Med Professions?

All health profession schools require students to have a strong math/science background. The minimum course of study should be:

<u>DUTCHESS COURSES</u>	<u>EQUIVALENT NEW PALTZ COURSE</u>
BIO 101 General Biology I	BIO 201 General Biology I
BIO 102 General Biology II	BIO 202 General Biology II
CHE 121 General Chemistry I	CHE 201 General Chemistry I
CHE 122 General Chemistry II	CHE 202 General Chemistry II
CHE 231 Organic Chemistry I	CHE 318 Organic Chemistry I
CHE 232 Organic Chemistry II	CHE 319 Organic Chemistry II
PHY 151 Engineering Physics I	PHY 201 General Physics I
PHY 152 Engineering Physics II	PHY 202 General Physics II
MAT 118 Elementary Statistics	MAT 241 Introductory Statistics
MAT 214 Discrete Mathematics	MAT 260 Foundations of Mathematics I
MAT 221 Analytic Geometry & Calculus I	MAT 251 Calculus I
MAT 222 Analytic Geometry & Calculus II	MAT 252 Calculus II

Many look for additional coursework in biology, chemistry or physics; consulting with the pre-med advisor will inform students of this information.

Where do New Paltz graduates go?

New Paltz graduates have found success in applying to professional schools; pre-medical students have been accepted at all four SUNY medical schools, as well as such schools as Albany Medical Center, Georgetown, Tufts, the University of Virginia, Mt. Sinai Medical Center, University of Buffalo, Rutgers University and others while pre-dental students have found equal success being accepted at such schools at NYU, Georgetown University of Maryland, Northwestern and others. New Paltz also offers a pre-optometry/doctor of optometry program with the SUNY College of Optometry in NYC.

Advisement:

At both Dutchess Community College and New Paltz, a science faculty member serves as the Pre-Med Profession Advisor:

DUTCHESS
Allied Health and Biological Sciences Department
Dutchess Community College
53 Pendell Road
Poughkeepsie, NY 12601-1595
(845) 471-4500, Ext. 3000

NEW PALTZ
Biology Department
New Paltz
1 Hawk Drive
New Paltz, NY 12561-2499
(845) 257-3770

PSYCHOLOGY

New Paltz offers a general liberal arts Psychology major and specialized psychology major with emphasis in Psychobiology or Industrial-Organizational Psychology. Minors in General Psychology and Industrial-Organizational Psychology are also available.

The Psychobiology concentration requires courses in general biology and genetics, between three and six credits in research, and several additional elective courses beyond the required psychology courses. The Industrial-Organizational Psychology concentration requires courses in business, three credits in research, and additional elective courses beyond the required psychology courses. See New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz. To declare a major in Psychology, students must have at least a 2.5 GPA and have successfully completed Introduction to Psychology with a C- or better.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES

EQUIVALENT NEW PALTZ COURSES

Required:

PSY 111 Psychological Principles I

OR

PSY 112 Psychological Principles II

MAT 118 Elementary Statistics

PSY 272 General Psychology

PSY 275 Psychological Statistics

Select two:

PSY 206 Social Psychology

PSY 221 Child & Adolescent Development

PSY 204 Adolescent Psychology

PSY 306 Social Psychology

PSY 343 Psychology of Infancy and Childhood

PSY 344 Adolescence and Adulthood

Select two additional courses:

BHS 100 Self Development

PSY 102 Interviewing and Counseling

PSY 134 Group Dynamics

PSY 201 Abnormal Psychology

PSY 205 Industrial and Business Psychology

PSY 202 Therapeutic Intervention Skills

PSY 209 Psychobiology

PSY 273 Psychology of Adjustment

PSY 330 Crisis Intervention

PSY 318 Group Behavior

PSY 412 Abnormal Psychology

PSY 304 Industrial Psychology

PSY 320 Behavior Modification

PSY 436 Physiological Psychology

**Only one Selected Topics course can be transferred towards the Psychology major at New Paltz.*

PSY 203 Developmental Psychology*

PSY 207 Creative Arts Therapy*

PSY 210 The Psychology of Gender*

PSY 235 The Psychology of Exceptionality*

PSY 271 Special Study Project I

PSY 272 Special Study Project II

PSY 273 Special Study Project III

PSY 493 Selected Topics*

PSY 493 Selected Topics*

PSY 493 Selected Topics*

PSY 493 Selected Topics*

PSY 494 Fieldwork in Psychology

OR

PSY 495 Independent Study/ Psychology

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

SOCIOLOGY

The liberal arts major in Sociology studies human society and group life. Students may select a major in sociology or a major in sociology with an emphasis in direct care or social services. All three majors require the same four core courses, one of which is offered at Dutchess, BHS 203 Sociology as well as additional elective courses. See New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSE**EQUIVALENT NEW PALTZ COURSE**

BHS 203 Sociology

SOC 100 Introduction to Sociology

Select no more than three electives:

BHS 103 Social Problems in Today's World

SOC 376 Social Problems

BHS 110 Introduction to Human Services*

SOC 350 Introduction to Human Services*

BHS 142 Criminology

SOC 332 Criminology

BHS 205 The Family

SOC 370 Sociology of the Family

BHS 207 Education in American Society

SOC 385 Education and Society

BHS 209 Racial and Ethnic Relations

SOC 315 Racial and Ethnic Relations

BHS 210 The Sociology of Religion

SOC 304 Sociology of Religion

BHS 216 Sociology of Health and Medicine
In the United States*

SOC 308 Medical Sociology*

BHS 242 Drug and Alcohol Abuse*

SOC 425 Drugs in American Society*

BHS 262 Juvenile Delinquency

SOC 305 Juvenile Delinquency

*May be used as elective credit toward the New Paltz Sociology major where applicable.

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

THEATER ARTS

Students majoring in theater arts may specialize in either Performance or Design/Technical. The department also offers a Theatre Arts minor.

Acting training in the Performance track is supported by classes in directing and musical theatre. The Design/Technical track offers unique programs with the International Alliance of Theatrical Stage Employees, internships with professional companies, and the opportunity for a B.F.A. degree in Scenography. See the New Paltz catalog for details.

Prospective Theatre Arts majors must participate in an audition.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSES**EQUIVALENT NEW PALTZ COURSE**

THE 103 Stagecraft

THE 293 Introduction to Theatre Technology

THE 105 Introduction to the Theater*

No corresponding course*

THE 106 Play Production

No corresponding course*

THE 109 Acting I

THE 231 Acting I

THE 110 How to Audition*

No corresponding course*

THE 161 Theater Practicum I*

No corresponding course*

THE 201 Play Directing

No corresponding course*

THE 209 Acting II*

THE 332 Acting II*

THE 261 Theater Practicum II

No corresponding course

THE 271 Special Study Project I

THE 211 Rehearsal and Production

THE 272 Special Study Project II

THE 212 Rehearsal and Production

THE 273 Special Study Project III

THE 213 Rehearsal and Production

ENG 207 Early Dramatic Literature:

THE 323 World Drama I

The Classics Through the Romantics

ENG 208 Modern Dramatic Literature:

THE 324 World Drama II

Realism Through the Absurd

SPE 212 Voice and Articulation*

THE 334 Speech for the Stage*

*May be used as elective credit toward the New Paltz Theater Arts major where applicable.

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

WOMEN'S STUDIES

Women's Studies is an interdisciplinary academic program offering a Bachelor of Arts degree, a minor, and a Women's Studies Literature concentration for the childhood education programs. The foundation of the program is the study of women, past and present, in various fields of inquiry. The courses examine the presuppositions of academic disciplines from a feminist, multicultural perspective. They explore aspects of women's social, cultural and political experience in the United States and throughout the world. Some courses are offered through Women's Studies, and others are offered through other college departments. An interdisciplinary course, Women: Images and Realities, provides the introduction to the program. There is a women's studies Practicum and a Senior Seminar for majors. See New Paltz catalog for details.

One-half of the credits in the major must be completed at New Paltz.

DUTCHESS COURSE

ENG 223 Women in American Literature

HIS 214 The History of Women in the U.S.

EQUIVALENT NEW PALTZ COURSE

ENG 323 Women in Literature: A Contemporary View
WOM 317 History of American Women to 1890

OR

WOM 316 History of American Women from 1890

Dutchess courses not listed above may be accepted in transfer by New Paltz as general elective credit toward the degree with the exception of those courses which are remedial/developmental in nature.

DISCLAIMER

New Paltz supports Affirmative Action and Equal Opportunity and does not discriminate against individuals or groups on the basis of race, sex, age, color, national origin, handicap, ex-offender or marital status in education or employment in any of its policies or programs.

All actions toward employees and students are based upon performance-related criteria. Attitudes and preferences of individuals which are personal in nature and unrelated to performance, such as private expressions of sexual orientation, provide no basis for judgments related to individuals.

ADMISSIONS INFORMATION

For additional information concerning admissions, financial aid,
or if you wish to obtain a copy of the New Paltz catalog, please write or telephone:

Office of Admissions
State University of New York at New Paltz
100 Hawk Drive
New Paltz, New York 12561-2499
845.257.3200
www.newpaltz.edu

For additional information concerning admissions, financial aid,
or if you wish to obtain a copy of the Dutchess Community College catalog,
please write or telephone:

Office of Admissions
Dutchess Community College
Student Services Building, Room 101
53 Pendell Road
Poughkeepsie, NY 12601-1595
845.431.8000
www.sunydutchess.edu

