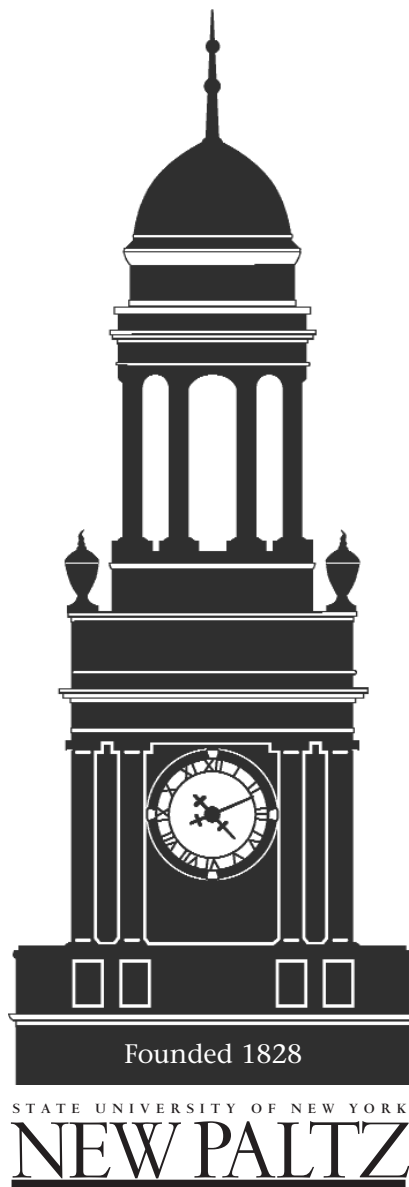


THE DOOR IS OPEN

TRANSFER GUIDE FOR DUTCHESS COMMUNITY COLLEGE STUDENTS



Effective Fall 2006 through Spring 2009

Dear Student,

This booklet, THE DOOR IS OPEN, is the culmination of extensive consultations between the faculty and administration of Dutchess Community College and SUNY 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 SUNY 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 SUNY New Paltz to complete a baccalaureate degree.

D. David Conklin
President
Dutchess Community College

Steven Poskanzer
President
SUNY New Paltz

THIRD REVISION

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.

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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, including up to 30 credits in non-liberal arts courses. 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 SUNY 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. 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 SUNY 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 SUNY 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. Music Therapy also requires credit beyond the traditional 120. Students seeking a baccalaureate degree with certification under the new State Education Department requirements may 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, education, and music therapy 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.

Q. Is housing available on the New Paltz campus?

A. Yes. There are thirteen residence halls on the New Paltz campus. A number of residence halls maintain a 24-hour quiet policy, which is a good arrangement for those students who prefer to study in their rooms rather than in the library. Housing on campus can be very limited, so it is recommended that transfer students apply early and adhere to all application deadlines. Some off-campus housing is available in the Village of New Paltz, but off-campus space in apartments and private homes is usually very difficult to obtain.

SUNY NEW PALTZ: A BRIEF PERSPECTIVE

Character: Very competitive, four year regional university; co-educational; residential; publicly assisted; liberal arts/sciences/professional studies.

Founded: 1828 as the New Paltz Academy.

Location: New Paltz, New York; small, historic village (pop. 8,600) in mid-Hudson region; midway between Albany and New York City.

Main Campus: 216 acres; 60 major buildings including residence halls.

Ashokan Field Campus: 376 acre environmental and historical education center located on the Ashokan Reservoir.

University Calendar: Two, 14 week semesters, two summer sessions. Scheduled university closings: all university offices closed for state/federal holidays and weekends. Class schedule published each semester in the Schedule of Classes and on the university web site: www.newpaltz.edu. Weather delays and/or class cancellations posted with local/regional media or call 845-257-INFO.

University Enrollment (2004-2005):
Undergraduate: Full-time 5,430, Part-time 761
Graduate: Full-time 421, Part-time 991.

Student Geographic Distribution: 91% from New York State, 5% Out-of-State, 4% International, 45% from mid-Hudson Valley.

Student Diversity: 21% under-represented students (7% African-American, 10% Latino, 4% Asian-Pacific).

Residence Life: 14 residence halls (2,800 capacity); Residence life program cited for excellence nationally twice.

University Activities: Over 130 recognized student organizations, 23 fraternities/sororities. Year round schedule of artistic, cultural, educational, and athletic events.

University Athletics: NCAA Division III, ECAC, SUNYAC, NYSWCAA, NECUA

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

University Staff:

Faculty: Full-time 294
83% have Ph.D. or terminal degree in their discipline
38 Faculty - SUNY Chancellor's Award for Excellence in Teaching
6 Faculty - SUNY Distinguished Professors
2 Faculty - SUNY Distinguished University Faculty
Part-time 392

Undergraduate Programs Offered: Nearly 100 programs within: College of Liberal Arts & Sciences, School of Science & Engineering, School of Business, School of Fine & Performing Arts, School of Education. Unique offerings: Seven year medical program; seven-year doctor of optometry program, university Honors program, extensive international education program (overseas study) including Freshmen Semester In England program. Degrees offered: BA, BS, BFA, BSN, BSEE.

Graduate School programs offered: Over 50 programs leading to masters degree, 4 programs leading to pre-doctoral degree, one joint doctoral degree. Degrees offered: MA, MS, MFA, MST, MAT, MS in Education, Certificate of Advance Study, Ed.D with SUNY Albany.

Accreditations: Middle States, New York State Education Department, Art, Art Education, Art History, Communication Disorders, Computer Science, Education, Engineering, Jazz Studies, Music, Music Therapy, Nursing and Theatre.

Computer Availability: Hundreds of microcomputers in academic buildings and residence halls; all residence hall rooms have computer & Internet access.

Library: Sojourner Truth Library

- 525,000 volumes in open stack
- 1.4 Million items in all varieties of microform and CD-Rom
- 1,477 periodical subscriptions
- On-line catalog system
- Subscribes to a variety of on-line research services
- Specialized collection in international studies, art and education
- Seating for 1,100

Faculty /Student Ratio: 1/17

Undergraduate Class Size: 80% of classes average between 20-35 students.

Annual Expenses:

Undergraduate Tuition:
\$4,350 in-state (full-time)*
\$10,610 out-of-state (full-time)*
\$181 per credit (part-time)*
Fees: \$870 (full-time)*
Room: \$4,500*
Board: \$2,670*

*Subject to change without notice

Undergraduate Admission:

Freshmen: Competitive +
Ranked #5 in the Northeast Public Masters Degree Universities by U.S. News and World Report College Guide- 2006. Ranked among the nation's top 321 Colleges and Universities by Princeton Review.

Class of 2009:

Freshmen:
High School Average:
Middle 50%: 87.8- 92.1
Mean: 90.0%

SAT I Composite:
Middle 50%: 1140 – 1200
Mean: 1160

Acceptance Rate: 38.0%
11,475 applied,
4,310 accepted
1,065 paid enrollment deposit for a target class (950)

Transfer:

Mean GPA: 3.25
Acceptance Rate: 46.0%
2,658 applied
1,237 accepted
820 paid enrollment deposit

WHAT'S NEW

Major: Asian Studies
Minor: Disaster Studies

UNDERGRADUATE PROGRAMS

COLLEGE OF LIBERAL ARTS & SCIENCES

Anthropology
Biology
 Biotechnology
Black Studies
Chemistry
 Biochemistry
Communication Media
Communication Studies
Computer Science
Economics
 International Economics
Business Economics
English
 Creative Writing
Foreign Languages
French
German
Spanish
Geography
Geology
History
International Relations
Journalism
Mathematics
Nursing*
Philosophy
Physics
 Engineering Physics
Political Science
Psychology
 Psychobiology
Sociology
 Social Services
Speech & Hearing
Women's Studies

* Transfer program only.
Applicants must be graduates of
an accredited associate degree or
diploma program in nursing.

SCHOOL OF BUSINESS

Accounting
Finance
General Business
International Business
Management
Marketing

SCHOOL OF EDUCATION

Childhood Education (Grades 1-6)
Early Childhood Education (Birth - Grade 2)
Secondary Education (Grades 7-12)
 Biology
 Chemistry
 Earth Science
 English
 French
 German
 Mathematics
 Social Studies
 Spanish

SCHOOL OF FINE AND PERFORMING ARTS

Art Education
Art History
Art Studio
Ceramics
Metal
Graphic Design
Painting
Photography
Printmaking
Sculpture
Music
Music Therapy
Theatre Arts
Visual Arts

SCHOOL OF SCIENCE AND ENGINEERING

Chemistry
Computer Engineering
Computer Science
Electrical Engineering
Environmental Geochemical Science
Geological Sciences
Mathematics
Physics

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, music theory and composition, or music therapy. 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 COURSES

EQUIVALENT NEW PALTZ COURSE

BHS 202 Physical Anthropology
BHS 204 Anthropology
BHS 206 Cultural Anthropology

07301 Human Evolution
07211 General Anthropology
07214 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.

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

<u>DUTCHESS COURSES</u>	<u>EQUIVALENT NEW PALTZ COURSE</u>
ART 101 History of Art	11201 Art of the Western World I
ART 110 2D Design: The Language of Form	09102 Integrated Design I: Space and Form
ART 111 Three-Dimensional Design	09103 Integrated Design II: Forces
ART 112 Drawing I	09100 Drawing I: Visual Thinking I
ART 113 Drawing II	09101 Drawing II: Visual Thinking II
PSY 221 Child & Adolescent Development	
OR	38371 Child Psychology & Development
PSY 203 Developmental Psychology	
BHS 207 Education in American Society	38340 Social & Philosophical Foundations of Education

11202 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.

<u>DUTCHESS COURSES</u>	<u>EQUIVALENT NEW PALTZ COURSE</u>
ART 101 History of Art	11201 Art of the Western World I
ART 102 History of Modern Art	11358 Early Twentieth-Century Art
	11360 Art of Asia I: The Formative Periods
ART 103 Art of China and Japan	OR
	11381 Art of Asia II: The Continuing Tradition
ART 155 History of Photography	11368 History of Photography

11202 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.

SUNY New Paltz courses numbering 09102, 09103, 09100 and 09101 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.

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	11201 Art of the Western World I
ART 110 2D Design: The Language of Form	09102 Integrated Design I: Space and Form
ART 111 Three-Dimensional Design	09103 Integrated Design II: Forces
ART 112 Drawing I	09100 Drawing I: Visual Thinking I
ART 113 Drawing II	09101 Drawing II: Visual Thinking II

11202 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*	09240 Basic Painting*
ART 121 Introduction to Painting*	09343 Intermediate Painting*
ART 122 Watercolors*	09344 Water Media*
ART 123 Intermediate Drawing*	09305 Drawing*
ART 140 Graphic Design I*	No corresponding course*
ART 141 Calligraphy I*	No corresponding course*
ART 142 Graphic Design II*	No corresponding course*
ART 145 Computer Graphics: Layout & Typography*	09205 Computer Aided Graphic Design
AND	
ART 147 Computer Graphics: Design/Illustration*	09250 Basic Photography*
ART 150 Black and White Photography I*	No corresponding course*
ART 151 Black and White Photography II*	No corresponding course*
ART 153 Lighting for the Visual Arts*	No corresponding course*
ART 154 Photographing Art Work*	No corresponding course*
ART 157 Color Photography I*	09308 Digital Photographic Imaging*
ART 161 Computer Graphics: Foundation of Computer Animation*	No corresponding course*
ART 163 Computer Graphics: Design for the Internet*	No corresponding course*
ART 172 Basic Ceramics*	No corresponding course*
ART 173 Ceramics: Hand Building*	No corresponding course*
ART 174 Ceramics: Wheel Throwing*	No corresponding course*
ART 191 Jewelry and Metals*	09220 Basic Metal*
ART 225 Mixed Media and Collage Workshop*	No corresponding course*
ART 241 Calligraphy II*	No corresponding course*
ART 254 Photojournalism Workshop*	No corresponding course*
ART 255 Advanced Photography*	No corresponding course*
ART 257 Color Photography II*	09308 Digital Photographic Imaging*

DUTCHESS COURSES

EQUIVALENT NEW PALTZ COURSE

ART 261 Computer Graphics: Three Dimensional
Graphics and Animation*

No corresponding course*

ART 263 Advanced Design for the Internet*

No corresponding course*

ART 271 Special Study Project I*

09294 Fieldwork in Art*

ART 272 Special Study Project II*

OR

ART 273 Special Study Project III*

Art Elective*

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 and Biotechnology, 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 15201 and 15202 (or 15210 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 Basic 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

15201 General Biology I
 15202 General Biology II
 15340 Ecology
 15320 Genetics

 15350 General Microbiology

 22201 General Chemistry I
 22202 General Chemistry II
 22318 Organic Chemistry I
 22319 Organic Chemistry II
 64241 Introductory Statistics
 64251 Calculus I
 75221 Fundamental Physics I

 75201 General Physics I

Select one:

BIO 131 Anatomy and Physiology I

AND

BIO 132 Anatomy and Physiology II
 BIO 204 General Botany



15307 Comparative Vertebrate Anatomy

15305 Plant Morphology

Electives:

BIO 104 Environmental Biology*
 BIO 108 Taxonomy*
 BIO 112 Biomedical View of HIV/AIDS*
 BIO 144 Human Genetics and Values*
 BIO 203 Invertebrate Zoology*
 BIO 209 Mammalian Anatomy*

No corresponding course*
 No corresponding course*
 No corresponding course*
 No corresponding course*
 15312 Invertebrate Zoology*
 No corresponding course*

BIO 210 Mammalian Physiology



15413 General Physiology
AND
 15415 Laboratory Exercises in General Physiology

BIO 213 Cell Physiology*
 BIO 221 Principles of Conservation*
 BIO 225 Field Biology Techniques*
 BIO 226 Environmental Contaminants*
 BIO 271 Special Study Project I*
 BIO 272 Special Study Project II*
 BIO 273 Special Study Project III*

No corresponding course*
 15513 Conservation of Natural Resources*
 No corresponding course*
 No corresponding course*
 15495 Independent Study in Biology*
 (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	EQUIVALENT NEW PALTZ COURSE
BIO 101 General Biology I	15201 General Biology I
BIO 102 General Biology II	15202 General Biology II
BIO 107 General Ecology	15340 Ecology
BIO 205 Genetics	15320 Genetics
<i>Select one:</i>	
BIO 131 Anatomy and Physiology I	115307 Comparative Vertebrate Anatomy
AND	
BIO 132 Anatomy and Physiology II	15305 Plant Morphology
BIO 204 General Botany	
<i>Select two electives:</i>	
BIO 207 General Microbiology	15350 General Microbiology
OR	
BIO 212 Microbiology	15413 General Physiology AND 15415 Laboratory Exercises in General Physiology
BIO 210 Mammalian Physiology	
BIO 213 Cell Physiology*	No corresponding course*
BIO 221 Principles of Conservation	15513 Conservation of Natural Resources

ADOLESCENCE EDUCATION (7-12) BIOLOGY

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

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
BIO 101 General Biology I	15201 General Biology I
BIO 102 General Biology II	15202 General Biology II
BIO 107 General Ecology	15340 Ecology
BIO 205 Genetics	15320 Genetics
<i>Select one:</i>	
BIO 131 Human Anatomy and Physiology I	15307 Comparative Vertebrate Anatomy
AND	
BIO 132 Human Anatomy and Physiology II	15305 Plant Morphology
BIO 204 General Botany	
CHE 121 General Chemistry I	22201 General Chemistry I
CHE 122 General Chemistry II	22202 General Chemistry II
CHE 231 Organic Chemistry I	22318 Organic Chemistry I
CHE 232 Organic Chemistry II	22319 Organic Chemistry II
GLG 121 Physical Geology	50220 Physical Geology
MAT 221 Analytic Geometry & Calculus I	64251 Calculus I
PHY 121 General Physics I	75221 Fundamental Physics I
PHY 122 General Physics II	75222 Fundamental Physics II
<i>Select one:</i>	
CPS 141 Introduction to Computer Science	25210 Computer Science I: Foundations
MAT 118 Elementary Statistics	64241 Introduction to Statistics
MAT 222 Analytic Geometry Calculus II	64252 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

EQUIVALENT NEW PALTZ COURSE

HIS 209 History of the African American	17202 Black History II
ENG 224 African-American and Black Literature*	17267 Survey of Black American Literature*
GOV 223 Dynamics South African Politics*	17347 History of South Africa*

*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 SUNY 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 SUNY 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.

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

BACHELOR OF SCIENCE IN ACCOUNTING

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
ECO 201 Microeconomics	33206 Microeconomics
ECO 202 Macroeconomics	33207 Macroeconomics
ACC 101 Principles of Accounting I	20201 Financial Accounting
AND	
ACC 102 Principles of Accounting II	20201 Financial Accounting
OR	
ACC 104 Financial Accounting	20202 Managerial Accounting
ACC 201 Cost Accounting	
OR	20368 Intermediate Accounting I
ACC 204 Managerial Accounting	
ACC 221 Intermediate Accounting I: Students must achieve "B-" or better	20250 Principles of Management
BUS 104 Business Organization and Management	
BUS 107 Principles of Marketing	20325 Marketing
BUS 215 Business Law I	20271 Legal Environment of Business
BUS 216 Business Law II	20272 Business Law for Accountants

BACHELOR OF SCIENCE IN FINANCE

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
ECO 201 Microeconomics	33206 Microeconomics
ECO 202 Macroeconomics	33207 Macroeconomics
ACC 104 Financial Accounting	20201 Financial Accounting
ACC 204 Managerial Accounting	20202 Managerial Accounting
ACC 221 Intermediate Accounting I: Students must achieve "B-" or better	20368 Intermediate Accounting I
BUS 104 Business Organization and Management	20250 Principles of Management
BUS 107 Principles of Marketing	20325 Marketing
BUS 215 Business Law I	20271 Legal Environment of Business

BACHELOR OF SCIENCE IN GENERAL BUSINESS

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
ECO 201 Microeconomics	33206 Microeconomics
ECO 202 Macroeconomics	33207 Macroeconomics
ACC 104 Financial Accounting	20201 Financial Accounting
ACC 204 Managerial Accounting	20202 Managerial Accounting
BUS 104 Business Organization and Management	20250 Principles of Management
BUS 107 Principles of Marketing	20325 Marketing
BUS 215 Business Law I	20271 Legal Environment of Business
BUS 244 Human Resource Management	20345 Human Resource Management
BUS 254 International Business	20346 International Business

BACHELOR OF SCIENCE IN INTERNATIONAL BUSINESS

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
ECO 201 Microeconomics	33206 Microeconomics
ECO 202 Macroeconomics	33207 Macroeconomics
ACC 104 Financial Accounting	20201 Financial Accounting
ACC 204 Managerial Accounting	20202 Managerial Accounting
BUS 104 Business Organization and Management	20250 Principles of Management
BUS 107 Principles of Marketing	20325 Marketing
BUS 215 Business Law I	20271 Legal Environment of Business
BUS 244 Human Resource Management	20345 Human Resource Management
BUS 254 International Business	20346 International Business
GOV 219 Global Politics	77227 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	EQUIVALENT NEW PALTZ COURSE
ECO 201 Microeconomics	33206 Microeconomics
ECO 202 Macroeconomics	33207 Macroeconomics
ACC 104 Financial Accounting	20201 Financial Accounting
ACC 204 Managerial Accounting	20202 Managerial Accounting
BUS 104 Business Organization and Management	20250 Principles of Management
BUS 107 Principles of Marketing	20325 Marketing
BUS 215 Business Law I	20271 Legal Environment of Business
BUS 244 Human Resource Management	20345 Human Resource Management
BUS 254 International Business	20346 International Business

BACHELOR OF SCIENCE IN MARKETING

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
ECO 201 Microeconomics	33206 Microeconomics
ECO 202 Macroeconomics	33207 Macroeconomics
ACC 104 Financial Accounting	20201 Financial Accounting
ACC 204 Managerial Accounting	20202 Managerial Accounting
BUS 104 Business Organization and Management	20250 Principles of Management
BUS 107 Principles of Marketing	20325 Marketing
BUS 215 Business Law I	20271 Legal Environment of Business
BUS 254 International Business	20346 International 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 sponsor 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	22201 General Chemistry I
CHE 122 General Chemistry II	22202 General Chemistry II
CHE 223 Introduction to Analytical Instrumentation	22303 Introduction Analytical Chemistry
CHE 231 Organic Chemistry I	22318 Organic Chemistry I
CHE 232 Organic Chemistry II	22319 Organic Chemistry II
CHE 271-273 Special Study Project*	22295 Independent Study/Chemistry*
MAT 221 Analytic Geometry & Calculus I	64251 Calculus I
MAT 222 Analytic Geometry & Calculus II	64251 Calculus II
PHY 151 Engineering Physics I	75201 General Physics I
PHY 152 Engineering Physics II	75202 General Physics II

Also required for the Biochemistry Emphasis:

BIO 101 General Biology I	15201 General Biology I
BIO 102 General Biology II	15202 General Biology II
BIO 205 Introduction to Genetics	15320 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	22201 General Chemistry I
CHE 122 General Chemistry II	22202 General Chemistry II
CHE 231 Organic Chemistry I	22318 Organic Chemistry I
CHE 232 Organic Chemistry II	22319 Organic Chemistry II
GLG 121 Physical Geology	50220 Physical Geology
MAT 221 Analytic Geometry & Calculus I	64251 Calculus I
MAT 222 Analytic Geometry & Calculus II	64251 Calculus II
PHY 151 Engineering Physics I	75201 General Physics I
PHY 152 Engineering Physics II	75202 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 Communication Media*	No corresponding course*
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: Its 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 101 Public Speaking	90104 Public Speaking
SPE 100 Foundations of Communication	No corresponding course*
SPE 102 Oral Interpretation of Literature	90213 Performance of Literature
<i>Elective:</i>	
BUS 105 Advertising	90221 Introduction to Advertising
SPE 211 Communication Theory*	No corresponding course*

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

ELECTRONIC MEDIA MANAGEMENT

DUTCHESS COURSES

EQUIVALENT NEW PALTZ COURSE

Required:

BUS 105 Advertising
COM 240 History of World Mass Communication

90221 Introduction to Advertising
90101 Media and Society

Select one:

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

90203 Radio and Television Performance
90104 Public Speaking
90204 Discussion

ELECTRONIC MEDIA PRODUCTION

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

DUTCHESS COURSES

EQUIVALENT NEW PALTZ COURSE

Required:

COM 120 Introduction to Media Writing
COM 240 History of World Mass Communication

90319 Electronic Media Writing
90101 Media and Society

Select two:

COM 233 Audio Production I
COM 249 Advanced Video Production I
COM 250 Advanced Video Production II

90320 Audio Production
90340 Studio Video Production
90440 Portable Video Production

Select one:

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

90203 Radio and Television Performance
90104 Public Speaking
90204 Discussion

Electives:

BUS 105 Advertising
COM 244 Screenwriting*

90221 Introduction to Advertising
90419 Screenwriting*

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 two major programs: a liberal arts major and a speech education major. The liberal arts major (588) requires 48 credits and prepares students for graduate study in speech-language pathology, audiology, and related areas. The speech education major (Speech and Language Disabilities, major code 790) meets the New York state requirements for the Initial Certificate as a Teacher of Students with Speech and Language Disabilities. This unique program is linked to the graduate program in Speech-Language Pathology. Please see the New Paltz catalog or the department web page for details.

All students must enter the liberal arts major (588) initially, usually in the fall semester of the junior year. The minimum GPA for declaration of the major is 3.0. (If the GPA is between 2.5 and 2.8, the student may request permission from the Department Chair to take the fall core courses). Admission to the Speech and Language Disabilities major (790) is by application only during the spring of the junior year.

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

DUTCHESS COURSES

EQUIVALENT NEW PALTZ COURSE

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

88260 Sign Language I
88361 Sign language II

Select one:

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

90202 Interpersonal Communication
90104 Public Speaking
90213 Performance of Literature

Speech and Language Disabilities major only:

BHS 207 Education in American

38340 Social and Philosophical Foundations of Education

PSY 221 Child and Adolescent Development

OR

PSY 203 Developmental Psychology

38371 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 Introduction to Computer Science

AND

CPS 142 Advance Programming Techniques

CPS 231 Data Structures

CIS 227 Assembler Language Programming

25210 Computer Science I: Foundations

25310 Computer Science II: Data Structures

25325 Computer Organization and Assembly Language

Requires evaluation by Department Chair

64251 Calculus I

64251 Calculus II

64320 Discrete Mathematics for Computing

CPS 271-273 Special Study Projects

MAT 221 Analytic Geometry & Calculus I

MAT 222 Analytic Geometry & Calculus II

MAT 214 Discrete Mathematics

Select one science sequence:

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

22201 General Chemistry I

22202 General Chemistry II

OR

75201 General Physics I

AND

75202 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

33206 Microeconomics
33207 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

SUNY 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:

- * 64140 Math for Elementary School Teachers
- * 64240 Geometry: A Modern Introduction
- * 48273 Basic Physical Geography
- * Two semesters of college level foreign language
- * 38371 Child Psychology and Development
- * 38340 Social and Philosophical Foundations of Education
- * A Liberal Arts major selected from:

Art History (30 credits)
Biology (31-35 credits)
Black Studies -History/Literature (30 credits)
Earth Science (36 credits)
English (30 credits)
French (30-36 credits)

Geography (30 credits)
History (30 credits)
Mathematics (34 credits)
Political Science (36 credits)
Spanish (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 SUNY New Paltz. This program is designed to facilitate the transfer of students preparing to become certified teachers in B-2 and 1-6 from Dutchess Community College to SUNY New Paltz. The advantages of this program include the fact that transfer students can complete the childhood education program in four years (two at Dutchess and two at New Paltz) and are also eligible for scholarships designated for education majors.

All JRTEP students must complete the A.S./A.A degree, achieve a 2.75 grade point average and complete a separate application/interview with the School of Education advisor, to be admitted to SUNY New Paltz. Students must also maintain a 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
ECH 102 Introductory Seminar: Programs for Young Children AND ECH 254 Foundations and Issues in Diverse Early Childhood/Childhood Classrooms	35370 Introduction to the Education of Diverse Populations in Early Childhood and Elementary School Settings
ECH 214 Observation and Assessment in Early Childhood Classrooms AND ECH 207 Observation and Assessment in Fieldwork	35414 Developmentally Appropriate Practices for Children Birth - Second Grade
ECH 120 Infant and Toddler Curriculum AND ECH 121 Infant and Toddler Curriculum Fieldwork	35411 Curriculum I: Infants and Toddlers
MAT 107 Math for Elementary School Teachers	64140 Mathematics for Elementary School Teachers I
MAT 117 Geometry for Elementary School Teachers	64240 Mathematics for Elementary Education Teachers II
PSY 221 Child and Adolescent Development	38371 Child Psychology and Development

NOTE: A "C" or better is transferable for all courses except those with an education departmental EDU/35__ course number. These courses, 35370, 35414, and 35411 require a "B-" or better.

CHILDHOOD EDUCATION (1-6)

DUTCHESS COURSE	EQUIVALENT NEW PALTZ COURSE
BHS 207 Education in American Society	38340 Social and Philosophical Foundations of Education
MAT 107 Math for Elementary School Teachers	64140 Mathematics for Elementary School Teachers I
MAT 117 Geometry for Elementary School Teachers	64240 Mathematics for Elementary Education Teachers II
PSY 221 Child & Adolescent Development	38371 Child Psychology and Development
OR	
PSY 203 Developmental Psychology	35370 Introduction to the Education of Diverse Populations in Early Childhood and Elementary School Settings
LAT 200 Learner Diversity in Elementary Classrooms	

NOTE: A “C” or better is transferable for all courses except those with an education departmental EDU/35__ course number. This course, 35370 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 is acceptable in meeting this requirement.

2. For equivalent coursework 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. Additional testing in the Assessment of Teaching Skills-Performance (ATS-P) is required for professional certification. These regulations are changing based on the new standards. Check with your education advisor for NYSTCE requirements.

ADOLESCENCE EDUCATION (7-12)

Students seeking 7-12 certification must major in one of the following disciplines:

Biology (65-72 credits)	German (33-45 credits)
Chemistry (56-59 credits)	Mathematics (47-48 credits)
Earth Science (59-65 credits)	Physics (65-66 credits)
English (42 credits)	Social Studies (45 credits)
French (36-48 credits)	Spanish (36-48 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 is also required. Dutchess offers the following equivalent coursework.

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
PSY 204 Adolescent Psychology	38372 The Developing Adolescent
BHS 207 Education in American	38340 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.

2. For equivalent coursework 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. Additional testing, which includes the Content Specialty Test (CST) and the Assessment of Teaching Skills-Performance (ATS-P), is required for permanent 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 SUNY 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	41160 Freshman Composition I
ENG 102 Composition II	41180 Freshman Composition II
CHE 121 General Chemistry I	22201 General Chemistry I
CPS 141 Introduction to Computer Science	25210 Computer Science I: Foundations
ENR 102 Introduction to Engineering II	25210 Computer Science I: Foundations
AND	
CIS 114 Computer Programming in C	
OR	
CIS 214 C++ Object Oriented Programming	25210 Computer Science I: Foundations
CPS 231 Data Structures	25310 Computer Science II: Data Structures
MAT 221 Analytic Geometry & Calculus I	64251 Calculus I
MAT 222 Analytic Geometry & Calculus II	64251 Calculus II

DUTCHESS COURSE	EQUIVALENT NEW PALTZ COURSE
MAT 223 Analytic Geometry & Calculus III	64353 Calculus III
MAT 224 Differential Equations	64359 Ordinary Differential Equations
PHY 151 Engineering Physics I	75201 General Physics I AND
PHY 152 Engineering Physics II	
PHY 251 Engineering Physics III	75202 General Physics II
PHY 252 Engineering Physics IV	75309 Modern Physics
ELT 115 Digital I	45230 Digital Logic Fundamentals AND
AND	
ELT 215 Digital II	45208 Digital Logic Laboratory
ENR 100 Engineering Technology Seminar	47101 Introduction to Engineering Science
AND	
ENR 101 Introduction to Engineering	
ENR 201 Introduction to Electrical Circuits and Networks	40293 Fundamental of Electrical Engineering: only 3 credits of course work will transfer to New Paltz
ENR 204 Mechanics of Materials	75315 Engineering Mechanics
OR	
ENR 205 Engineering Thermodynamics	75315 Engineering Mechanics
OR	
ENR 207 Engineering Materials Science	75315 Engineering Mechanics
OR	
ENR 208 Engineering Statics	75315 Engineering Mechanics
AND	
ENR 209 Engineering Dynamics	

NOTE: Only general education courses and the above applicable major coursework will be accepted in transfer to SUNY New Paltz.

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	41301 English Literature I
ENG 202 English Literature: The Romantic Poets to the Modern Era	41302 English Literature II
ENG 203 Literature of the United States: Colonial Period to the Civil War	41331 American Literature I
ENG 204 Literature of the United States: Civil War to World War II	41332 American Literature II

NOTE: Students who transfer two or more of the following courses ENG 201, 202, 203 and 204 will need to complete a supplemental literature course at New Paltz to meet the minimum number of credits for the major plan.

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	41345 Creative Writing Workshop I
OR	
ENG 210 Directed Writing of Poetry	41356 Greek & Roman Literature*
ENG 212 Greek and Roman Literature in Translation*	41254 Modern Asian Literature*
ENG 213 Asian Literature in Translation*	No corresponding course*
ENG 214 Directed Writing of Creative Non-Fiction*	No corresponding course*
ENG 215 Modern Poetry*	41308 Studies in the Short Story*
ENG 216 The Short Story*	41224 Expository Writing*
ENG 218 Advanced Composition/ Peer Tutoring in Writing*	No corresponding course*
ENG 221 Russian Literature in Translation*	41323 Women in Literature: A Contemporary View*
ENG 223 Women in American Literature*	No corresponding course*
ENG 224 African-American and Black Literature*	No corresponding course*
ENG 225 Issues/Ideas in Caribbean Literature*	41443 Fiction into Film*
ENG 227 Film and 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*	41255 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	EQUIVALENT NEW PALTZ COURSE
ENG 201 English Literature: Pre-Renaissance to the 18th Century	41301 English Literature I
OR	
ENG 202 English Literature: The Romantic Poets to the Modern Era	41302 English Literature II
ENG 203 Literature of the United States: Colonial Period to the Civil War	41331 American Literature I
OR	
ENG 204 Literature of the United States: Civil War to the Present	41332 American Literature II
ENG 209 Directed Writing of Fiction	41345 Creative Writing Workshop
OR	
ENG 210 Directed Writing of Poetry	41224 Expository Writing
ENG 218 Advanced Composition/ Peer Tutoring in Writing	

NOTE: Students who transfer two or more of the following courses ENG 201, 202, 203 and 204 will need to complete a supplemental literature course at New Paltz to meet the minimum number of credits for the major plan.

DUTCHESS COURSE**EQUIVALENT NEW PALTZ COURSE**

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*	41356 Greek & Roman Literature*
ENG 213 Asian Literature in Translation*	41254 Modern Asian Literature*
ENG 215 Modern Poetry*	No corresponding course*
ENG 216 The Short Story*	41308 Studies in the Short Story*
ENG 221 Russian Literature in Translation*	No corresponding course*
ENG 223 Women in American Literature*	41323 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*	41443 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*	41255 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	41301 English Literature I
ENG 202 English Literature: The Romantic Poets to the Modern Era	41302 English Literature II
ENG 203 Literature of the United States: Colonial Period to the Civil War	41331 American Literature I
ENG 204 Literature of the United States: Civil War to the Present	41332 American Literature II
ENG 218 Advanced Composition/ Peer Tutoring in Writing	41224 Expository Writing

NOTE: Students who transfer two or more of the following courses ENG 201, 202, 203 and 204 will need to complete a supplemental literature course at New Paltz to meet the minimum number of credits for the major plan.

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*

DUTCHESS COURSES**EQUIVALENT NEW PALTZ COURSE**

ENG 209 Directed Writing of Fiction

OR

ENG 210 Directed Writing of Poetry

ENG 212 Greek and Roman Literature in Translation*

ENG 213 Asian Literature in Translation*

ENG 215 Modern Poetry*

ENG 216 The Short Story*

ENG 221 Russian Literature in Translation*

ENG 223 Women in American Literature*

ENG 224 African-American and Black Literature*

ENG 225 Issues/Ideas in Caribbean Literature*

ENG 227 Film and Literature*

ENG 228 Business in Modern Literature*

ENG 229 Literature of the Hudson Valley*

ENG 230 Shakespeare*

ENG 231 The Literature of Creative Non-Fiction*

ENG 263 Contemporary Literature in the United States*

ENG 264 Contemporary International Literature*

ENG 267 Selected Global Literary Studies*

ENG 268 Literary Studies I*

ENG 269 Literary Studies II*

41345 Creative Writing Workshop I

41356 Greek & Roman Literature*

41254 Modern Asian Literature*

No corresponding course*

41308 Studies in the Short Story*

No corresponding course*

41323 Women in Literature: A Contemporary View*

No corresponding course*

No corresponding course*

41443 Fiction into Film*

No corresponding course*

No corresponding course*

No corresponding course*

No corresponding course*

41255 Contemporary Issues in Literature*

No Corresponding Course*

No corresponding course*

No corresponding course*

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****EQUIVALENT NEW PALTZ COURSE**

GLG 121 Physical Geology

GLG 124 The Earth Through Time

BIO 101 General Biology I

BIO 102 General Biology II

BIO 107 General Ecology

CHE 121 General Chemistry I

CHE 122 General Chemistry II

CHE 231 Organic Chemistry I

CHE 223 Introduction to Analytical Instrumentation

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

50220 Physical Geology

50301 Historical Geology

15201 General Biology I

15202 General Biology II

15340 Ecology

22201 General Chemistry I

22202 General Chemistry II

22318 Organic Chemistry I

22303 Introduction Analytical Chemistry

64241 Introduction to Statistics

64251 Calculus I

64251 Calculus II

75201 General Physics I

75202 General Physics II

FOREIGN LANGUAGES

Dutchess students who have taken French, Spanish, or German 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, Spanish, or German major.

New Paltz also offers language instruction in Chinese, Hebrew, Italian, Japanese, KiSwahili, Latin, and Russian. Other languages, such as Arabic, Polish, Portuguese, Swedish, and Yiddish are offered under the auspices of the Weekend and Summer Language Immersion Programs.

New Paltz regularly offers overseas programs of varying lengths 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	EQUIVALENT NEW PALTZ COURSE
FRE 101 Elementary French I	46101 Elementary French I
FRE 102 Elementary French II	
OR	46102 Elementary French II
FRE 199 French Review	
FRE 201 Intermediate French I	46201 Intermediate French I
FRE 202 Intermediate French II	46202 Intermediate French II
OR	
FRE 204 French Culture and Language I	46201 Intermediate French I
FRE 205 French Culture and Language II	46202 Intermediate French II
FRE 271 Special Study Project I	46294 Field Work in French
FRE 272 Special Study Project II	OR
FRE 273 Special Study Project III	46295 Independent Study/ French
FRE 301 Advanced French I	46301 French Composition/ Conversation I
FRE 302 Advanced French II	46302 French Composition/ Conversation II

GERMAN

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
GER 101 Elementary German I	52101 Elementary German I
GER 102 Elementary German II	52102 Elementary German II
GER 201 Intermediate German I	52201 Intermediate German I
GER 202 Intermediate German II	52202 Intermediate German II
GER 271 Special Study Project I	52294 Field Work in German
GER 272 Special Study Project II	OR
GER 273 Special Study Project III	52295 Independent Study/ German
GER 301 Advanced German I	52211 German Composition/ Conversation I
GER 302 Advanced German II	52312 German Composition/ Conversation II

ITALIAN

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
ITL 101 Elementary Italian I	59101 Elementary Italian I
ITL 102 Elementary Italian II	
OR	59102 Elementary Italian II
ITL 199 Italian Review	
ITL 201 Intermediate Italian I	59201 Intermediate Italian I
ITL 202 Intermediate Italian II	59202 Intermediate Italian II
OR	
ITL 204 Italian Culture and Language I	59201 Intermediate Italian I
ITL 205 Italian Culture and Language II	59202 Intermediate Italian II
ITL 271 Special Study Project I	59294 Fieldwork in Italian
ITL 272 Special Study Project II	OR
ITL 273 Special Study Project III	59295 Independent Study/ Italian

SPANISH

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
SPA 101 Elementary Spanish I	89101 Elementary Spanish I
SPA 102 Elementary Spanish II	
OR	89102 Elementary Spanish II
SPA 199 Spanish Review	
SPA 201 Intermediate Spanish I	
OR	89201 Intermediate Spanish I
SPA 204 Spanish Culture and Language I	
SPA 202 Intermediate Spanish II	
OR	89202 Intermediate Spanish II
SPA 205 Spanish Culture and Language II	
SPA 271 Special Study Project I	89294 Field Work in Spanish
SPA 272 Special Study Project II	OR
SPA 273 Special Study Project III	89295 Independent Study/Spanish
SPA 301 Advanced Spanish I	89301 Spanish Composition & Conversation I
SPA 302 Advanced Spanish II	89361 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	48495 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	64241 Introduction to Statistics
BIO 107 Basic Ecology	15340 Ecology
OR	
GLG 121 Physical Geology	50220 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	50220 Physical Geology
GLG 124 The Earth Through Time	50301 Historical Geology
CHE 121 General Chemistry I	22201 General Chemistry I
CHE 122 General Chemistry II	22202 General Chemistry II
MAT 221 Analytic Geometry & Calculus I	64251 Calculus I
PHY 151 Engineering Physics I	75201 General Physics I
MAT 118 Elementary Statistics	64241 Introduction to Statistics
OR	
MAT 222 Analytic Geometry & Calculus II	64251 Calculus II
PHY 152 Engineering Physics II	75202 General Physics II
OR	
PHY 122 General Physics II	75222 Fundamental Physics II

Recommended Courses:

BIO 101 General Biology I	15201 General Biology I
CPS 141 Introduction to Computer Science	25210 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.

<u>DUTCHESS COURSES</u>	<u>EQUIVALENT NEW PALTZ COURSE</u>
AST 131 Solar System Astronomy OR	12201 Exploring the Solar System
AST 132 Astronomy of Stars and Galaxies	12202 Exploring the Universe
CHE 121 General Chemistry I	22201 General Chemistry I
GLG 121 Physical Geology	50220 Physical Geology
GLG 124 The Earth Through Time	50301 Historical Geology
PHS 111 Weather and Climate	50120 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.

<u>DUTCHESS COURSES</u>	<u>EQUIVALENT NEW PALTZ COURSE</u>
AST 131 Solar System Astronomy OR	12201 Exploring the Solar System
AST 132 Astronomy of Stars and Galaxies	12202 Exploring the Universe
CHE 121 General Chemistry I	22201 General Chemistry I
CHE 122 General Chemistry II	22202 General Chemistry II
GLG 121 Physical Geology	50220 Physical Geology
GLG 124 The Earth Through Time	50301 Historical Geology
PHS 111 Weather and Climate	50120 Weather and Environment
PHS 107 Technology and Energy	50339 Natural Resources and Energy
MAT 221 Analytic Geometry & Calculus I	64251 Calculus I
PHY 151 Engineering Physics I	75201 General Physics I
PHY 152 Engineering Physics II OR	75202 General Physics II
PHY 122 General Physics II	75222 Fundamental Physics II

Recommended Courses:

BIO 101 General Biology I	15201 General Biology I
CPS 141 Introduction to Computer Science	25210 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

SUNY 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	EQUIVALENT NEW PALTZ COURSE
<i>Select four courses:</i>	
HIS 103 History of the United States I*	58221 United States History to 1865*
HIS 104 History of the United States II*	58222 United States History since 1865*
HIS 206 The Latin Americans*	No corresponding course*
HIS 207 History of Russia and the Soviet Union*	58333 Soviet Union*
HIS 209 The African American*	No corresponding course*
HIS 210 The Holocaust in History*	58373 The Holocaust*
HIS 214 The History of Women in the US	58314 History of Women in US
HIS 215 The History of the City of New York*	No corresponding course*
HIS 216 The History of Dutchess County*	58461 Hudson Valley Culture*
HIS/GOV 220 The War in Vietnam	58467 The United States in Vietnam

*May be used as elective 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
<i>Required:</i>	
HIS 103 History of the United States I	58221 United States History to 1865
HIS 104 History of the United States II	58222 United States History since 1865
HIS/GOV 121 The American National Experience	77216 American Government and Politics
<i>Select two courses:</i>	
HIS 206 The Latin Americans*	No corresponding course*
HIS 207 History of Russia and the Soviet Union	58333 Soviet Union
HIS 209 The African American*	No corresponding course*
HIS 210 The Holocaust in History	58373 The Holocaust
HIS 214 The History of Women in the US	58314 History of Women in US
HIS 215 The History of the City of New York*	No corresponding course*
HIS 216 The History of Dutchess County*	58461 Hudson Valley Culture*
HIS/GOV 220 The War in Vietnam	58467 The United States in Vietnam

*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	58221 United States History to 1865
HIS 104 History of the United States II	58222 United States History since 1865
HIS/GOV 121 The American National Experience	77216 American Government and Politics
OR	
GOV 219 Global Politics	77227 International Politics
GOV 221 Comparative Political Systems	77229 Introduction to Comparative Politics
ECO 201 Microeconomics	33206 Microeconomics
ECO 202 Macroeconomics	33207 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*	No corresponding course*
HIS 207 History of Russia and the Soviet Union	58333 Soviet Union
HIS 210 The Holocaust in History	58373 The Holocaust
HIS 214 The History of Women in the US	58314 History of Women in US
HIS 215 The History of the City of New York*	No corresponding course*
HIS 216 The History of Dutchess County*	58461 Hudson Valley Culture*
HIS 220/GOV 220 The War in Vietnam	58467 The United States in Vietnam
BHS 204 Anthropology	07211 General Anthropology
GOV 222 State and Local Government	77301 State Politics
GOV 201 Modern Political Ideologies	77344 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

SUNY 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

77227 International Politics

BHS 206 Cultural Anthropology

07214 Cultural Anthropology

Select two electives:

HIS 220/GOV 220 The War in Vietnam

58467 The United States in Vietnam

GOV 221 Comparative Political Systems

77229 Introduction to Comparative Politics

GOV 223 The Dynamics of South African Politics*

No corresponding course*

HIS 206 The Latin Americans*

No corresponding course*

HIS 207 History of Russia and the Soviet Union*

58333 Soviet Union*

HIS 210 The Holocaust in History*

58373 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 SUNY 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

53230 Journalism I

COM 240 History of Mass Communication

90101 Media and Society

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 for 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	89101 Elementary Spanish I
SPA 102 Elementary Spanish II	
OR	89102 Elementary Spanish II
SPA 199 Spanish Review	
SPA 201 Intermediate Spanish I	89201 Intermediate Spanish I
SPA 202 Intermediate Spanish II	89202 Intermediate Spanish II
OR	
SPA 204 Spanish Culture and Language I	89201 Intermediate Spanish I
SPA 205 Spanish Culture and Language II	89202 Intermediate Spanish II
SPA 301 Advanced Spanish I	89301 Spanish Composition & Conversation I
SPA 302 Advanced Spanish II	89361 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.

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

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
MAT 100 Intermediate Algebra	64050 Basic Algebra
MAT 110 College Algebra	
OR	64152 College Algebra
MAT 184 Algebra and Trig for Precalculus	
MAT 185 Precalculus Mathematics	64181 Precalculus

LIBERAL ARTS MATHEMATICS MAJOR

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 224 Differential Equations

CPS 141 Introduction to Computer Science

CPS 231 Data Structures

64260 Foundations of Mathematics I

64362 Linear Algebra

64251 Calculus I

64252 Calculus II

64353 Calculus III

64359 Ordinary Differential Equations

25210 Computer Science I: Foundations

25310 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

EQUIVALENT NEW PALTZ COURSE

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

Select one:

CPS 141 Introduction to Computer Science

OR

CIS 113 Visual Basic Programming

Select one elective:

MAT 215 Introduction to Linear Algebra

MAT 223 Analytic Geometry & Calculus III

64140 Mathematics for Elementary Education Teachers I

64240 Mathematics for Elementary Education Teachers II

64241 Introductory Statistics

64260 Foundations of Mathematics I

64251 Calculus I

64252 Calculus II

25210 Computer Science I: Foundations

25104 Visual Programming

64362 Linear Algebra

64353 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

64260 Foundations of Mathematics I

64362 Linear Algebra

64251 Calculus I

64252 Calculus II

64353 Calculus III

DUTCHESS COURSE**EQUIVALENT NEW PALTZ COURSE***Select one:*

CIS 113 Visual Basic Programming

25104 Visual Programming

OR

CPS 141 Introduction to Computer Science

25210 Computer Science I: Foundations

PHY 151 Engineering Physics I

75201 General Physics I

PHY 152 Engineering Physics II

75202 General Physics II

Recommended:

CPS 231 Data Structures

25310 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. A.B.S. degree in music therapy, with a separate set of requirements, is also available. SUNY 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.

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

66231 Sight Singing and Ear Training I

MUS 114 Aural Skills II

66232 Sight Singing and Ear Training II

MUS 115 Music Theory I

66203 Theory I

MUS 116 Music Theory II

66204 Theory II

MUS 121 Chorus I

66142 College Community

MUS 122 Chorus II

OR

MUS 221 Chorus III

66144 Concert Choir: two Dutchess semesters count as one New Paltz requirement

MUS 222 Chorus IV

MUS 131 Jazz Ensemble I

66162 Chamber Jazz Ensembles: two Dutchess semesters count as one New Paltz requirement

MUS 132 Jazz Ensemble II

MUS 136 Orchestra I

66141 College/Youth Symphony

MUS 137 Orchestra II

66141 College/Youth Symphony

MUS 236 Orchestra III

66141 College/Youth Symphony

MUS 237 Orchestra IV

66141 College/Youth Symphony

MUS 231 Jazz Ensemble III

66162 Chamber Jazz Ensembles: two Dutchess semesters count as one New Paltz requirement

MUS 232 Jazz Ensemble IV

MUS 201 History of Music I

66331 Music of the Middle Ages and Renaissance

MUS 202 History of Music II

66332 Music of the Baroque and Classical Periods

MUS 205 Vocal Repertoire I*

No corresponding course*

<u>DUTCHESS COURSE</u>	<u>EQUIVALENT NEW PALTZ COURSE</u>
MUS 206 Vocal Repertoire II*	No corresponding course*
MUS 210 Advanced Performance I	66221 and 66222 Applied Music: no more than two semesters of applied music is allowed in transfer
MUS 211 Advanced Performance II	
MUS 212 History of the American Musical Theater*	No corresponding course*
MUS 219 Electronic Music Workshop	66350 Computer and Electronic Music
MUS 141 Piano I	66201 Piano I AND 66202 Piano II: two Dutchess semesters count as one New Paltz requirement
MUS 142 Piano II	
MUS 241 Piano III	66301 Piano III: may be repeated for credit
MUS 242 Piano IV	66301 Piano III: may be repeated for credit
MUS 151 Dutchess Madrigal Singers I	66146 Chamber Singers: two Dutchess semesters count as one New Paltz requirement
MUS 152 Dutchess Madrigal Singers II	
MUS 251 Dutchess Madrigal Singers III	66146 Chamber Singers: two Dutchess semesters count as one New Paltz requirement
MUS 252 Dutchess Madrigal Singers IV	
MUS 271 Special Study Project I	66295 Independent Study Music
MUS 272 Special Study Project II	OR
MUS 273 Special Study Project III	66294 Fieldwork in Music
<i>Jazz Studies major only:</i>	
MUS 135 Jazz: Its History and Influence	66160 History of Jazz

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

MUSIC THERAPY

<u>DUTCHESS COURSE</u>	<u>EQUIVALENT NEW PALTZ COURSE</u>
MUS 113 Aural Skills I	66231 Sight Singing and Ear Training I
MUS 114 Aural Skills II	66231 Sight Singing and Ear Training II
MUS 115 Theory I	66203 Theory I
MUS 116 Theory II	66204 Theory II
MUS 201 History of Music I	66331 Music of the Middle Ages and Renaissance
MUS 202 History of Music II	66332 Music of the Baroque and Classical Periods
PSY 111 Psychological Principles I	80272 General Psychology
OR	
PSY 112 Psychological Principles II	
PSY 201 Abnormal Psychology	80412 Abnormal 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.

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.

NURSING

Students enrolled in the A.A.S. degree Nursing Program at Dutchess may wish to consider earning a Bachelor of Science degree in Nursing (BSN) at New Paltz. Additional courses taken at Dutchess will facilitate transfer to New Paltz so that upper division nursing degree requirements can be completed within two years. See the New Paltz catalog for details.

DUTCHESS/1ST SEMESTER

ENG 101 Composition I (3)
PSY 111 Psychological Principles I (3)
BIO 131 Anatomy & Physiology I (4)
NUR 100 Nursing Introductory Seminar (1)
NUR 105 Nursing Science I (6)
NUR 107 Survey of Professional Nursing (1)

DUTCHESS/3RD SEMESTER

BHS 103 Social Problems in Today's World (3)
BIO 212 Microbiology (4)
NUR 213 Nursing Science III (8)
NUR 215 Parent - Child Nursing (3)

DUTCHESS/2ND SEMESTER

ENG 102 Composition II (3)
PSY 203 Developmental Psychology (3)
BIO 132 Anatomy & Physiology II (4)
NUR 112 Nursing Science II (8)

DUTCHESS/4TH SEMESTER

ECO 105, GOV 121, HIS 104, or HIS 108 (3)
NUR 204 Professional Issues in Nursing (1)
NUR 216 Nursing Science IV (4)
NUR 218 Nursing Synthesis (2)
++Free Elective (3-4)
WFE Lifetime Fitness and Wellness (3)

NOTE: MAT 118 Elementary Statistics is required for full acceptance into the program and is a prerequisite to senior level courses in the BSN program.

NEW PALTZ/SEMESTER V

70320 Professional Nursing Practice in Individual Health (4)
70340 Contemporary Health Ed Issues (3)
70300 Perspectives in Professional Socialization (2)
15445 Pathophysiology (3)
70315 Business Environment (3) **

NEW PALTZ/SEMESTER VII

70422 Professional Nursing Practice in Community Health (6)
70400 Research in Nursing (3)
*Elective(s)

NEW PALTZ/SEMESTER VI

70310 Leadership and Management (3)
70421 Professional Nursing Practice in Family Health (6)
15443 Pharmacology (3)
07481 Transcultural Health (3)**

NEW PALTZ/SEMESTER VIII

70430 Professional Nursing Practice in Societal Health (6)
*Elective(s)

*Electives to be chosen under advisement to fulfill general education requirement for the degree.

**These courses may be taken either junior or senior year, as available.

MOBILITY PROFILE VALIDATION OF NURSING CREDITS

The National League for Nursing Mobility Profile II is used to validate 30 semester hours of lower division nursing credits. Students must achieve at the 40th percentile or above in all four sections of the exam, the test scores of which are valid for 5 years. Students may be exempted from this test if they graduated from an NLN accredited associate degree program in nursing.

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

Required:

PHI 205 Ethical Theory and Contemporary Issues

71304 Ethics

Select three electives:

PHI 107 Introduction to the Art of Reasoning*

71110 Reason and Argument*

PHI 201 Philosophy: The Primary Issues*

71120 Introduction to Philosophy: Classics*

PHI 203 Major Religions of the World*

71300 Religions of the World*

PHI 271 Special Study Project I

May count as electives if their content is appropriate, to be determined by the

PHI 271 Special Study Project II

Department Chair

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	75201 General Physics I
PHY 152 Engineering Physics II	AND
PHY 251 Engineering Physics III	75202 General Physics II
	75308 Modern Physics I
PHY 252 Engineering Physics IV	AND
	75310 Modern Physics Lab
CHE 121 General Chemistry I	22201 General Chemistry I
MAT 221 Analytic Geometry & Calculus I	64251 Calculus I
MAT 222 Analytic Geometry & Calculus II	64252 Calculus II
CPS 141 Introduction to Computer Science	25210 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	75201 General Physics I
PHY 152 Engineering Physics II	AND
PHY 251 Engineering Physics III	75202 General Physics II
	75308 Modern Physics I
PHY 252 Engineering Physics IV	AND
	75310 Modern Physics Lab
CHE 121 General Chemistry I	22201 General Chemistry I
CHE 122 General Chemistry II	22202 General Chemistry II
CPS 141 Introduction to Computer Science	25210 Computer Science I: Foundations
MAT 221 Analytic Geometry & Calculus I	64251 Calculus I
MAT 222 Analytic Geometry & Calculus II	64252 Calculus II
MAT 223 Analytic Geometry & Calculus III	64353 Calculus III
MAT 224 Differential Equations	64359 Ordinary Differential Equations

Select one:

AST 131 Solar System Astronomy	12201 Exploring the Solar System
AST 132 Astronomy of Stars and Galaxies	12202 Exploring the Universe
BIO 101 General Biology I	15201 General Biology I
GLG 121 Physical Geology	50220 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

77216 American Government and Politics

GOV 219 Global Politics

77227 International Politics

GOV 221 Comparative Political Systems

77229 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*

No corresponding course*

GOV 211 American Politics and the Media*

77319 Politics and Media*

GOV 222 State and Local Government*

77301 State and Politics*

GOV 223 The Dynamics of South African Politics*

No corresponding course*

GOV 263 National Model United Nations I*

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

SUNY 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	15201 General Biology I
BIO 102 General Biology II	15202 General Biology II
CHE 121 General Chemistry I	22201 General Chemistry I
CHE 122 General Chemistry II	22202 General Chemistry II
CHE 231 Organic Chemistry I	22318 Organic Chemistry I
CHE 232 Organic Chemistry II	22319 Organic Chemistry II
PHY 151 Engineering Physics I	75201 General Physics I
PHY 152 Engineering Physics II	75202 General Physics II
MAT 118 Elementary Statistics	64241 Introductory Statistics
MAT 214 Discrete Mathematics	64260 Foundations of Mathematics I
MAT 221 Analytic Geometry & Calculus I	64251 Calculus I
MAT 222 Analytic Geometry & Calculus II	64252 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. SUNY 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 SUNY 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
SUNY 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

80272 General Psychology

80275 Psychological Statistics

Select two:

PSY 206 Social Psychology

PSY 221 Child & Adolescent Development

PSY 204 Adolescent Psychology

OR

PSY 222 Adulthood Aging

80306 Social Psychology

80343 Psychology of Infancy and Childhood

80344 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

80273 Psychology of Adjustment

80330 Crisis Intervention

80318 Group Behavior

80412 Abnormal Psychology

80304 Industrial Psychology

80320 Behavior Modification

80436 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

80493 Selected Topics*

80493 Selected Topics*

80493 Selected Topics*

80493 Selected Topics*

80494 Fieldwork in Psychology

OR

80495 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	87100 Introduction to Sociology
<i>Select no more than three electives:</i>	
BHS 103 Social Problems in Today's World	87376 Social Problems
BHS 110 Introduction to Human Services*	87350 Introduction to Human Services*
BHS 142 Criminology	87332 Criminology
BHS 205 The Family	87370 Sociology of the Family
BHS 207 Education in American Society	87385 Education and Society
BHS 208 Sociology of the Future*	No corresponding course*
BHS 209 Racial and Ethnic Relations	87315 Racial and Ethnic Relations
BHS 210 The Sociology of Religion	87304 Sociology of Religion
BHS 216 Sociology of Health and Medicine in the United States*	87308 Medical Sociology*
BHS 242 Drug and Alcohol Abuse*	87425 Drugs in American Society*
BHS 262 Juvenile Delinquency	87305 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.

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

DUTCHESS COURSES	EQUIVALENT NEW PALTZ COURSE
THE 103 Stagecraft	91293 Introduction to Theatre Technology
THE 105 Introduction to the Theater*	No corresponding course*
THE 106 Play Production	No corresponding course*
THE 109 Acting I	91231 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*	91332 Acting II*

DUTCHESS COURSE**EQUIVALENT NEW PALTZ COURSE**

THE 262 Theater Practicum II	No corresponding course*
THE 271 Special Study Project I	91211 Rehearsal and Production
THE 272 Special Study Project II	91212 Rehearsal and Production
THE 273 Special Study Project III	91213 Rehearsal and Production
ENG 207 Early Dramatic Literature: The Classics Through the Romantics	91323 World Drama I
ENG 208 Modern Dramatic Literature: Realism Through the Absurd	91324 World Drama II
SPE 212 Voice and Articulation*	91334 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**EQUIVALENT NEW PALTZ COURSE**

ENG 223 Women in American Literature	41323 Women in Literature: A Contemporary View
HIS 214 The History of Women in the U.S.	94317 History of American Women to 1890 OR 94316 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

SUNY 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.

AFFIRMATIVE ACTION

SUNY New Paltz supports Affirmative Action and Equal Opportunity and does not discriminate against individuals or groups on the basis of race, sex, age, national origin, religion, disability, veteran status, marital status, or sexual orientation in education or employment, or in any of its policies or programs. All actions toward employees and students are based upon performance-related criteria. Further, SUNY New Paltz will not tolerate sexual harassment of employees or students.

Any person alleging discrimination should contact the
Affirmative Action Office at 845-257-3293.

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 Undergraduate 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

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NEW PALTZ

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