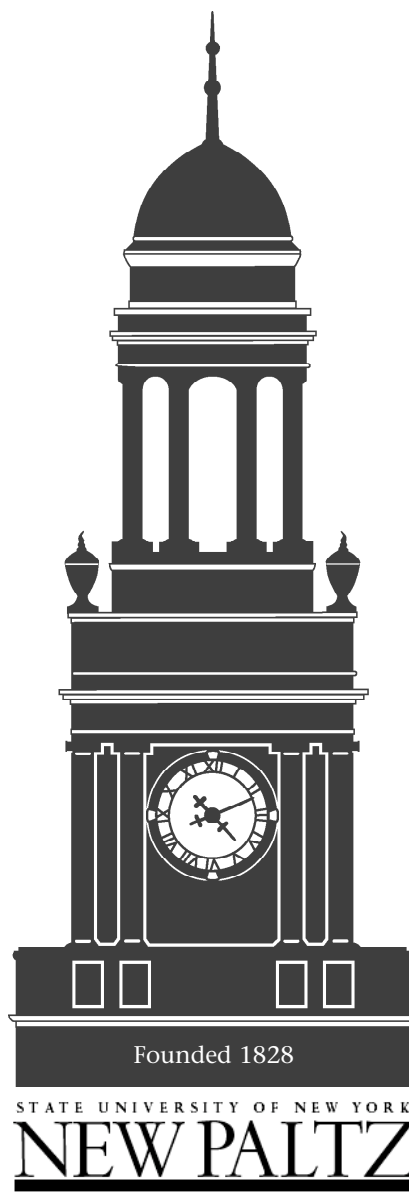


# **THE DOOR IS OPEN**

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TRANSFER GUIDE FOR WESTCHESTER COMMUNITY COLLEGE STUDENTS



*Effective Fall 2005 through Fall 2007*

**Articulation Agreement  
between  
Westchester Community College  
and  
SUNY New Paltz**

**The purposes of this agreement are as follows:**

1. To attract qualified transfer students to Westchester Community College and SUNY New Paltz.
2. To provide the effective transition of transfer students, holding the Associate in Arts (A.A.), Associate in Science (A.S.) and Associate in Applied Science (A.A.S.) degree from Westchester Community College to SUNY New Paltz.
3. To foster continuous communication between the respective departments to facilitate curriculum changes when appropriate and to provide accurate and timely advisement for interested students.

**Terms of the agreement:**

SUNY New Paltz agrees to accept all students who have earned the Associate in Arts (A.A.) or Associate in Science (A.S.) degree in Liberal Arts: Humanities, Social Sciences or Mathematics & Science from Westchester Community College with full junior standing when transferring to a parallel program at New Paltz in accordance with the following:

**SUNY New Paltz agrees to:**

1. Accept up to 70 academic credits toward the baccalaureate degree upon award of the degree from Westchester Community College. A.A. and A.S. degree holders from Westchester, when transferring directly after receiving the degree, are considered to have met SUNY New Paltz's native general education requirement, but not necessarily the SUNY Mandated General Education requirement. An individual transfer credit evaluation will be provided to determine credits completed and credits still needed to meet the SUNY Mandated General Education requirement.
2. A.A.S. degree holders generally have a larger number of non-liberal arts courses in their Westchester 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 both general education requirements.
3. Grant credit toward the following majors: Biology, Chemistry, Education (Early Childhood, Childhood and Adolescent), History, and Mathematics as determined in the attached course equivalency guide. In accordance with general college policy, one-half of the major must be completed at New Paltz.
4. Provide the opportunity to earn the baccalaureate degree in a parallel program in not more than four additional semesters of successful, planned full-time study, or part-time equivalent.
5. Guarantee the Westchester Community College students accepted in transfer under the terms of this agreement will also be subject to any special requirements applicable to students who originally enrolled as freshman to SUNY New Paltz.

# State University of New York at New Paltz

## TRANSFER GUIDE

for

Westchester Community College Students

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## MAJOR PROGRAMS

The major programs listed in the sections that follow show the courses a student may take at Westchester Community College and which may also be applied to the major at New Paltz. In addition, most of the Westchester 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 major a student may select the comparative literature or creative writing track. The communications major may select a concentration in public communication, organizational communication, interpersonal-intercultural communication, or electronic media. Music majors may concentrate in applied music, music history and literature, music theory and composition, or music therapy. Geological sciences offer 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.

### 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 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.

The New Paltz courses numbered 15201 and 15202 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.*

#### **WESTCHESTER COURSES**

#### **EQUIVALENT NEW PALTZ COURSE**

*Required:*

**BIOL 115/116** General Biology I and Lab

**15201** General Biology I

**BIOL 117/118** General Biology II and Lab

**15202** General Biology II

**BIOL 121** Anatomy and Physiology I and Lab

**AND**

**15307** Comparative Vertebrate Anatomy

**BIOL 123** Anatomy and Physiology II and Lab

**BIOL 236** Human Genetics

**15320** Genetics

**CHEM 107/108** Inorganic Chemistry I

**22201** General Chemistry I

**CHEM 111/112** Inorganic Chemistry II

**22202** General Chemistry II

**CHEM 201/202** Organic Chemistry I

**22318** Organic Chemistry I

**CHEM 205/206** Organic Chemistry II

**22319** Organic Chemistry II

**MATH 121** Calculus I

**64251** Calculus I

**MATH 113** Statistics

**64241** Introduction to Statistics

*Select one elective:*

**BIOL 155** Human Ecology

**15340** Ecology

**BIOL 215/216** General Microbiology and Lab

**15350** General Microbiology

**BIOL 217/218** General Microbiology II and Lab

No corresponding course

## EARLY CHILDHOOD (B-2)/CHILDHOOD (1-6) BIOLOGY

### WESTCHESTER COURSES

### EQUIVALENT NEW PALTZ COURSE

*Required:*

<b>BIOL 115/116</b> General Biology I and Lab	<b>15201</b> General Biology I
<b>BIOL 117/118</b> General Biology II and Lab	<b>15202</b> General Biology II
<b>BIOL 121</b> Anatomy and Physiology I and Lab	<b>15307</b> Comparative Vertebrate Anatomy
<b>AND</b>	
<b>BIOL 123</b> Anatomy and Physiology II and Lab	<b>15320</b> Genetics
<b>BIOL 236</b> Human Genetics	

## ADOLESCENCE (7-12) BIOLOGY

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

### WESTCHESTER COURSES

### EQUIVALENT NEW PALTZ COURSE

*Required cognate courses:*

<b>BIOL 115/116</b> General Biology I and Lab	<b>15201</b> General Biology I
<b>BIOL 117/118</b> General Biology II and Lab	<b>15202</b> General Biology II
<b>BIOL 121</b> Anatomy and Physiology I and Lab	<b>15307</b> Comparative Vertebrate Anatomy
<b>AND</b>	
<b>BIOL 123</b> Anatomy and Physiology II and Lab	<b>15320</b> Genetics
<b>BIOL 236</b> Human Genetics	
<b>CHEM 107/108</b> Inorganic Chemistry I	<b>22201</b> General Chemistry I
<b>CHEM 111/112</b> Inorganic Chemistry II	<b>22202</b> General Chemistry II
<b>CHEM 201/202</b> Organic Chemistry I	<b>22318</b> Organic Chemistry I
<b>CHEM 205/206</b> Organic Chemistry II	<b>22319</b> Organic Chemistry II
<b>PHYS 123/124</b> College Physics I and Lab	<b>75221</b> Fundamentals Physics I
<b>PHYS 125/126</b> College Physics II and Lab	<b>75222</b> Fundamentals Physics II
<b>MATH 121</b> Calculus I	<b>64251</b> Calculus I
<b>MATH 122</b> Calculus II	<b>64252</b> Calculus II
<b>OR</b>	
<b>MATH 113</b> Statistics	<b>64241</b> Introduction to Statistics

*Electives:*

<b>BIOL 155</b> Human Ecology	<b>15340</b> Ecology
<b>BIOL 215/216</b> General Microbiology and Lab	<b>15350</b> General Microbiology
<b>BIOL 217/218</b> General Microbiology II and Lab	No corresponding course

*Westchester 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. High quality modern equipment is used for instruction and research in student laboratories. The small size of upper-division courses encourages close interaction between faculty and students. 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.*

### **WESTCHESTER COURSES**

### **EQUIVALENT NEW PALTZ COURSE**

*Required:*

<b>CHEM 107/108</b> Inorganic Chemistry I	<b>22201</b> General Chemistry I
<b>CHEM 111/112</b> Inorganic Chemistry II	<b>22202</b> General Chemistry II
<b>CHEM 201/202</b> Organic Chemistry I	<b>22318</b> Organic Chemistry I
<b>CHEM 205/206</b> Organic Chemistry II	<b>22319</b> Organic Chemistry II
<b>PHYS 101A/102A</b> Engineering Physics I and Lab (Mechanics and Sound)	<b>75201</b> General Physics II
<b>PHYS 103A/104A</b> Engineering Physics II and Lab (Thermodynamics, Electricity & Magnetism)	<b>75202</b> General Physics II
<b>MATH 121</b> Calculus I	<b>64251</b> Calculus I
<b>MATH 122</b> Calculus II	<b>64252</b> Calculus II

### **ADOLESCENCE (7-12) CHEMISTRY**

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

### **WESTCHESTER COURSES**

### **EQUIVALENT NEW PALTZ COURSE**

*Required:*

<b>CHEM 107/108</b> Inorganic Chemistry I	<b>22201</b> General Chemistry I
<b>CHEM 111/112</b> Inorganic Chemistry II	<b>22202</b> General Chemistry II
<b>CHEM 201/202</b> Organic Chemistry I	<b>22318</b> Organic Chemistry I
<b>CHEM 205/206</b> Organic Chemistry II	<b>22319</b> Organic Chemistry II
<b>PHYS 101A/102A</b> Engineering Physics I and Lab (Mechanics and Sound)	<b>75201</b> General Physics I
<b>PHYS 103A/104A</b> Engineering Physics II and Lab (Thermodynamics, Electricity & Magnetism)	<b>75202</b> General Physics II
<b>MATH 121</b> Calculus I	<b>64251</b> Calculus I
<b>MATH 122</b> Calculus II	<b>64252</b> Calculus II

*Westchester 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)
- \*Adolescent (7-12)

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. A.S. or A.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
- \* **35370** Introduction to the Education of Diverse Populations in Early Childhood an Elementary School Settings

\* A Liberal Arts major selected from:

**Art History** (30 credits)

**Biology** (31-35 credits)

**Black Studies - History/Lit.** (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).*

### EARLY CHILDHOOD EDUCATION B-2

#### **WESTCHESTER COURSES**

#### **EQUIVALENT NEW PALTZ COURSE**

**INTER 101** Introduction to School and Teaching

**38340** Social and Philosophical Foundations of Education

**PSYCH 109** Developmental Psychology: Childhood

**38371** Child Psychology and Development

**HSERV 140** Infant/Toddler Environments

**AND**

**35411** Curriculum I: Infants and Toddlers

**HSERV 218** Early Childhood Field II

**HSERV 202** Observation and Assessment

**AND**

**35414** Developmentally Appropriate Practices for Second Grade

**HSERV 216** Early Childhood Field I Children Birth

## CHILDHOOD EDUCATION (1-6)

### WESTCHESTER COURSES

### EQUIVALENT NEW PALTZ COURSE

**INTER 101** Introduction to School and Teaching

**38340** Social and Philosophical Foundations of Education

**PSYCH 109** Developmental Psychology: Childhood

**38371** Child Psychology and Development

**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 Westchester/New Paltz equivalencies. Sign Language I and II for AA/AS holders is acceptable in meeting this requirement.

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), 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)

The Adolescence Education department requires a 2.75 grade point average and achievement of a "B" or better in both Composition I and Composition II. Students seeking 7-12 certification must also major in one of the following disciplines:

**Biology** (65-72 credits)

**French** (36-48 credits)

**Chemistry** (56-59 credits)

**Mathematics** (47-48 credits)

**Earth Science** (59-65 credits)

**Social Studies** (45 credits)

**English** (42 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. Westchester offers the following equivalent coursework.

### WESTCHESTER COURSES

### EQUIVALENT NEW PALTZ COURSE

**INTER 101** Introduction to School and Teaching

**38340** Social and Philosophical Foundations of Education

**PSYCH 110** Developmental Psychology: Adolescence

**38372** The Developing Adolescent

**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 Westchester /New Paltz equivalencies. Sign Language I and II for AA/AS holders is acceptable in meeting this requirement.

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), 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.

## 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.*

<b>WESTCHESTER COURSES</b>	<b>EQUIVALENT NEW PALTZ COURSE</b>
<i>Required:</i>	
<b>ENG 200</b> American Literature through the 19th Century	<b>41331</b> American Literature I
<b>ENG 201</b> 20th Century American Writers: Diversity in the Mainstream	<b>41332</b> American Literature II
<b>ENG 205</b> British Literature I	<b>41301</b> English Literature I: From Beowulf to 1600
<b>ENG 207</b> British Literature II	<b>41302</b> English Literature III: 1789 to the Present

*NOTE: Students who transfer two or more of the following courses ENG 200, 201, 205 and 207 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:*

<b>ENG 203</b> African American Literature*	No corresponding course*
<b>ENG 208</b> Other Voices*	No corresponding course*
<b>ENG 209</b> Short Story*	<b>41308</b> Studies in Short Story*
<b>ENG 211</b> Modern Drama*	No corresponding course*
<b>ENG 215</b> Introduction to Shakespeare*	No corresponding course*
<b>ENG 217</b> Perceptions of the Holocaust*	No corresponding course*
<b>ENG 219</b> Fiction Into Film*	No corresponding course*
<b>ENG 221</b> Literature and Society*	No corresponding course*
<b>ENG 225</b> World Literature I*	No corresponding course*
<b>ENG 227</b> World Literature II*	No corresponding course*
<b>ENG 231</b> Contemporary American Authors*	No corresponding course*
<b>ENG 233</b> Twain and Vonnegut*	No corresponding course*
<b>ENG 239</b> 20TH Century Irish Literature*	No corresponding course*
<b>ENG 240</b> 20th Century American Poetry *	No corresponding course*
<b>ENG 298H</b> Images of Women-Honors	<b>41323</b> Women in Literature

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

### EARLY CHILDHOOD (B-2)/CHILDHOOD (1-6) ENGLISH

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

<b>WESTCHESTER COURSES</b>	<b>EQUIVALENT NEW PALTZ COURSE</b>
<i>Required:</i>	
<b>ENG 200</b> American Literature through the 19th Century	<b>41331</b> American Literature I
<b>OR</b>	
<b>ENG 201</b> 20th Century American Writers: Diversity in the Mainstream	<b>41332</b> American Literature II
<b>ENG 205</b> British Literature I	<b>41301</b> English Literature I: From Beowulf to 1600
<b>OR</b>	
<b>ENG 207</b> British Literature II	<b>41302</b> English Literature III: 1789 to the Present

NOTE: Students who transfer two or more of the following courses ENG 200, 201, 205 and 207 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:

<b>ENG 203</b> African American Literature*	No corresponding course*
<b>ENG 208</b> Other Voices*	No corresponding course*
<b>ENG 209</b> Short Story*	<b>41308</b> Studies in Short Story*
<b>ENG 211</b> Modern Drama*	No corresponding course*
<b>ENG 215</b> Introduction to Shakespeare*	No corresponding course*
<b>ENG 217</b> Perceptions of the Holocaust*	No corresponding course*
<b>ENG 219</b> Fiction Into Film*	No corresponding course*
<b>ENG 221</b> Literature and Society*	No corresponding course*
<b>ENG 225</b> World Literature I*	No corresponding course*
<b>ENG 227</b> World Literature II*	No corresponding course*
<b>ENG 231</b> Contemporary American Authors*	No corresponding course*
<b>ENG 233</b> Twain and Vonnegut*	No corresponding course*
<b>ENG 239</b> 20TH Century Irish Literature*	No corresponding course*
<b>ENG 240</b> 20th Century American Poetry *	No corresponding course*
<b>ENG 298H</b> Images of Women-Honors	<b>41323</b> Women in Literature

\*May be used as elective credit toward the New Paltz English liberal arts concentration/major where applicable.

### ADOLESCENCE (7-12) ENGLISH

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

#### WESTCHESTER COURSES

#### EQUIVALENT NEW PALTZ COURSE

Required:

<b>ENG 200</b> American Literature through the 19th Century	<b>41331</b> American Literature I
<b>ENG 201</b> 20th Century American Writers: Diversity in the Mainstream	<b>41332</b> American Literature II
<b>ENG 205</b> British Literature I	<b>41301</b> English Literature I: From Beowulf to 1600
<b>ENG 207</b> British Literature II	<b>41302</b> English Literature III: 1789 to the Present

NOTE: Students who transfer two or more of the following courses ENG 200, 201, 205 and 207 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:

<b>ENG 203</b> African American Literature*	No corresponding course*
<b>ENG 208</b> Other Voices*	No corresponding course*
<b>ENG 209</b> Short Story*	<b>41308</b> Studies in Short Story*
<b>ENG 211</b> Modern Drama*	No corresponding course*
<b>ENG 215</b> Introduction to Shakespeare*	No corresponding course*
<b>ENG 217</b> Perceptions of the Holocaust*	No corresponding course*
<b>ENG 219</b> Fiction Into Film*	No corresponding course*
<b>ENG 221</b> Literature and Society*	No corresponding course*
<b>ENG 225</b> World Literature I*	No corresponding course*
<b>ENG 227</b> World Literature II*	No corresponding course*
<b>ENG 231</b> Contemporary American Authors*	No corresponding course*
<b>ENG 233</b> Twain and Vonnegut*	No corresponding course*
<b>ENG 239</b> 20TH Century Irish Literature*	No corresponding course*
<b>ENG 240</b> 20th Century American Poetry *	No corresponding course*
<b>ENG 298H</b> Images of Women-Honors	<b>41323</b> Women in Literature

\*May be used as elective credit toward the New Paltz English liberal arts concentration/major where applicable.

Westchester 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.

### **WESTCHESTER COURSES**

### **EQUIVALENT NEW PALTZ COURSE**

*Required:*

**PHYSC 145/146** Weather and Forecasting and Lab

**50120** Weather and Environment

**PHYSC 151/152** Astronomy and Lab

**12301** Astronomy

**CHEM 107/108** Inorganic Chemistry I

**22201** General Chemistry I

**CHEM 111/112** Inorganic Chemistry II

**22202** General Chemistry II

**PHYSC 101A/102A** Engineering Physics I and Lab  
(Mechanics and Sound)

**75201** General Physics I

**PHYSC 103A/104A** Engineering Physics II and Lab  
(Thermodynamics, Electricity & Magnetism)

**75202** General Physics II

**MATH 121** Calculus I

**64251** Calculus I

**MATH 122** Calculus II

**64252** Calculus II

**OR**

**MATH 113** Statistics

**64241** Introduction to Statistics

### **EARLY CHILDHOOD (B-2)/CHILDHOOD (1-6) EARTH SCIENCE**

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

### **WESTCHESTER COURSES**

### **EQUIVALENT NEW PALTZ COURSE**

*Required:*

**PHYSC 145/146** Weather and Forecasting and Lab

**50120** Weather and Environment

**PHYSC 151/152** Astronomy and Lab

**12301** Astronomy

**CHEM 107/108** Inorganic Chemistry I

**22201** General Chemistry I

### **ADOLESCENCE (7-12) EARTH SCIENCE**

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

### **WESTCHESTER COURSES**

### **EQUIVALENT NEW PALTZ COURSE**

*Required:*

**PHYSC 145/146** Weather and Forecasting and Lab

**50120** Weather and Environment

**PHYSC 151/152** Astronomy and Lab

**12301** Astronomy

**CHEM 107/108** Inorganic Chemistry I

**22201** General Chemistry I

**CHEM 111/112** Inorganic Chemistry II

**22202** General Chemistry II

**PHYSC 101A/102A** Engineering Physics I and Lab  
(Mechanics and Sound)

**75201** General Physics I

**PHYS 103A/104A** Engineering Physics II and Lab  
(Thermodynamics, Electricity & Magnetism)  
**MATH 121** Calculus I

**75202** General Physics II  
**64251** Calculus I

*Westchester 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

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 secondary 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 secondary 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 Secondary Education section of the New Paltz catalog for details.

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

### WESTCHESTER COURSES

### EQUIVALENT NEW PALTZ COURSE

*Required:*

**HIS 110** United States: Colonial Times to 1850  
**AND**  
**HIS 111** United States: 1850-1900  
**AND**  
**HIS 112** Twentieth Century United States History

**58221** United States History to 1865  
**AND**  
**58222** United States History Since 1865

*Select two electives:*

**HIS 115** Twentieth Century Europe\*  
**HIS 119** Modern Latin America\*  
**HIS 121** African-American History\*  
**HIS 128** African History to 1600\*  
**HIS 129** Caribbean History\*  
**HIS 131** African History 1600 to Present\*

**58353** Twentieth Century Europe\*  
No corresponding course\*  
No corresponding course\*  
No corresponding course\*  
No corresponding course\*  
No corresponding course\*

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

### EARLY CHILDHOOD (B-2)/CHILDHOOD (1-6) HISTORY

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

### WESTCHESTER COURSES

### EQUIVALENT NEW PALTZ COURSE

*Required:*

**HIS 110** United States: Colonial Times to 1850  
**AND**  
**HIS 111** United States: 1850-1900  
**AND**  
**HIS 112** Twentieth Century United States History

**58221** United States History to 1865  
**AND**  
**58222** United States History Since 1865

**POLSC 102** American Government and Issues  
**OR**  
**POLSC 102H** American Government & Issues-Honors

**77216** American Government and Politics

Select two electives:

- HIS 115** Twentieth Century Europe\*
- HIS 119** Modern Latin America\*
- HIS 121** African-American History\*
- HIS 128** African History to 1600\*
- HIS 129** Caribbean History\*
- HIS 131** African History 1600 to Present\*

- 58353** Twentieth Century Europe\*
- No corresponding course\*
- No corresponding course\*
- No corresponding course\*
- No corresponding course\*
- No corresponding course\*

### ADOLESCENCE (7-12) SOCIAL STUDIES

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

#### **WESTCHESTER COURSES**

#### **EQUIVALENT NEW PALTZ COURSE**

Required:

**HIS 110** United States: Colonial Times to 1850

**AND**

**HIS 111** United States: 1850-1900

**AND**

**HIS 112** Twentieth Century United States History

**POLSC 102** American Government and Issues

**OR**

**POLSC 102H** American Government & Issues-Honors

**ECON 101** Macroeconomics

**ECON 102** Microeconomics

**58221** United States History to 1865

**AND**

**58222** United States History Since 1865

**77216** American Government and Politics

**33207** Macroeconomics

**33206** Microeconomics

Select one elective:

- HIS 115** Twentieth Century Europe\*
- HIS 119** Modern Latin America\*
- HIS 121** African-American History\*
- HIS 128** African History to 1600\*
- HIS 129** Caribbean History\*
- HIS 131** African History 1600 to Present\*

- 58353** Twentieth Century Europe\*
- No corresponding course\*
- No corresponding course\*
- No corresponding course\*
- No corresponding course\*
- No corresponding course\*

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

Westchester 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 Mathematics major provides a strong theoretical background for graduate or industrial work in any area of mathematics. Three concentrations are available: pure mathematics, actuarial science and computer science. 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.

Students develop a strong mathematical foundation applicable to many fields, the ability to think analytically and make sound judgments, and to organize, analyze and interpret numerical data. The department has adopted the Harvard calculus reform curriculum, which emphasizes that every topic be presented graphically, numerically and algebraically. The graphics calculator is an essential part of Calculus I and II, while Mathematica, a computer program utilized in performing mathematics, is used in more advanced courses. See the New Paltz catalog for details.

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

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

<b>MATH 121</b> Calculus I	<b>64251</b> Calculus I
<b>MATH 122</b> Calculus II	<b>64252</b> Calculus II
<b>MATH 201</b> Calculus III	<b>64353</b> Calculus III
<b>MATH 206</b> Linear Algebra	<b>64362</b> Linear Algebra
<b>MATH 130</b> Discrete Mathematics	<b>64260</b> Foundations of Mathematics

**EARLY CHILDHOOD (B-2)/CHILDHOOD (1-6) MATHEMATICS***One-half of the credits in the liberal art major/concentration must be completed at New Paltz.***WESTCHESTER COURSES****EQUIVALENT NEW PALTZ COURSE***Required:*

<b>MATH 121</b> Calculus I	<b>64251</b> Calculus I
<b>MATH 122</b> Calculus II	<b>64252</b> Calculus II
<b>MATH 113</b> Statistics	<b>64241</b> Introduction to Statistics
<b>MATH 130</b> Discrete Mathematics	<b>64260</b> Foundations of Mathematics

*Select one elective:*

<b>MATH 201</b> Calculus III	<b>64353</b> Calculus III
<b>MATH 206</b> Linear Algebra	<b>64362</b> Linear Algebra

**ADOLESCENCE (7-12) MATHEMATICS***One-half of the credits in the liberal art major/concentration must be completed at New Paltz.***WESTCHESTER COURSES****EQUIVALENT NEW PALTZ COURSE***Required:*

<b>MATH 121</b> Calculus I	<b>64251</b> Calculus I
<b>MATH 122</b> Calculus II	<b>64252</b> Calculus II
<b>MATH 201</b> Calculus III	<b>64353</b> Calculus III
<b>MATH 206</b> Linear Algebra	<b>64362</b> Linear Algebra
<b>MATH 130</b> Discrete Mathematics	<b>64260</b> Foundations of Mathematics
<b>PHYS 101A/102A</b> Engineering Physics I and Lab (Mechanics and Sound)	<b>75201</b> General Physics I
<b>PHYS 103A/104A</b> Engineering Physics II and Lab (Thermodynamics, Electricity & Magnetism)	<b>75202</b> General Physics II

*Westchester 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 governing the natural universe. The great strength of a physics degree is its versatility; the problem solving skill of physicists is sought by a wide range of employers. There are career opportunities in university teaching/research, adolescence school teaching, government and industrial labs, medical technology, computer programming, management, and finance. Physics graduates also have a good base entry into the professional schools of law, medicine and dentistry, in addition to physics itself.

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.*

<b>WESTCHESTER COURSES</b>	<b>EQUIVALENT NEW PALTZ COURSE</b>
<b>PHYS 123/124</b> College Physics I and Lab	<b>75221</b> Fundamentals Physics I
<b>PHYS 125/126</b> College Physics II and Lab	<b>75222</b> Fundamentals Physics II

### LIBERAL ARTS PHYSICS MAJOR

<b>WESTCHESTER COURSES</b>	<b>EQUIVALENT NEW PALTZ COURSE</b>
<i>Required:</i>	
<b>PHYS 101A/102A</b> Engineering Physics I and Lab (Mechanics and Sound)	<b>75201</b> General Physics I
<b>PHYS 103A/104A</b> Engineering Physics II and Lab (Thermodynamics, Electricity & Magnetism)	<b>75202</b> General Physics II
<b>CHEM 107, 108</b> Inorganic Chemistry I	<b>22201</b> General Chemistry I
<b>MATH 121</b> Calculus I	<b>64251</b> Calculus I
<b>MATH 122</b> Calculus II	<b>64252</b> Calculus II

### ADOLESCENCE (7-12) PHYSICS

<b>WESTCHESTER COURSES</b>	<b>EQUIVALENT NEW PALTZ COURSE</b>
<i>Required:</i>	
<b>PHYS 101A/102A</b> Engineering Physics I and Lab (Mechanics and Sound)	<b>75201</b> General Physics I
<b>PHYS 103A/104A</b> Engineering Physics II and Lab (Thermodynamics, Electricity & Magnetism)	<b>75202</b> General Physics II
<b>CHEM 107, 108</b> Inorganic Chemistry I	<b>22201</b> General Chemistry I
<b>CHEM 111, 112</b> Inorganic Chemistry II	<b>22202</b> General Chemistry II
<b>MATH 121</b> Calculus I	<b>64251</b> Calculus I
<b>MATH 122</b> Calculus II	<b>64252</b> Calculus II
<b>MATH 201</b> Calculus III	<b>64353</b> Calculus III

*Westchester 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**

Notwithstanding anything contained in this guide, the State University of New York at New Paltz expressly reserves the right, whenever it deems advisable (1) to change or modify its schedule of tuition and fees, (2) to withdraw, cancel, reschedule or modify any course, program of study, degree, or any requirement or policy in connection with the foregoing, and (3) to change or modify any academic or other policy.

## **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 towards 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**  
75 South Manheim Boulevard  
State University of New York  
New Paltz, New York 12561-2499

(914) 257-3200

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

Office of Admissions  
**Westchester Community College**  
Valhalla, New York 10595-1698

(914) 785-6735

STATE UNIVERSITY OF NEW YORK  
**NEW PALTZ**

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

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