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Graduate

Shala Mills, Ph.D.
Assistant Vice President

www.newpaltz.edu/graduate

The Office of Graduate and Extended Learning at SUNY New Paltz has a long and proud history of providing professionals in the Hudson Valley region and beyond the tools for success in their chosen career paths. We provide administrative, admissions, and academic advising services, and – through the work of the Graduate Council – promote academic excellence and program and curriculum development.

Looking for advice or insight on a graduate program? We provide program and admissions information to prospective graduate students in person, by phone, or via email. Prospective students are able to meet on a walk-in basis or by appointment with an advisor who provides individualized program and application information.

Staff
http://www.newpaltz.edu/graduate/staff/

Hours of Operation
Fall & Spring Semesters: Monday - Friday 8:30 a.m. - 5 p.m.
Summer & Intersession: Monday - Friday 8 a.m. - 4 p.m.

Office Location:
Old Main Building, room 127
Map: http://www.newpaltz.edu/map/

Mailing Address
Office of Graduate and Extended Learning
State University of New York at New Paltz
800 Hawk Drive
New Paltz, NY 12561-2442

Phone, Fax & E-mail
Phone: 845-257-3285
Secretary: 845-257-3947
Fax: 845-257-3284
E-mail: gradstudies@newpaltz.edu

Our Mission: The Office of Graduate & Extended Learning at SUNY New Paltz aims to meet the educational needs of graduate, pre-professional, professional and career-changing students seeking timely, innovative, and intellectually stimulating study while providing the breadth and depth of knowledge necessary in their chosen disciplines. Whether in the classroom, in the field, or online, our graduate, certificate and non-credit programs prepare students to be knowledgeable and skilled, ethical, and culturally sensitive individuals prepared to contribute meaningfully to their profession and their communities.

SUNY New Paltz Mission (http://www.newpaltz.edu/about/mission.html)
SUNY Overview

Facts

The nation’s largest and most comprehensive state university system, The State University of New York (SUNY), was founded at Potsdam, New York in 1816. Years later, the Morrill Act of 1862 led to the creation of four Ivy League land-grant SUNY colleges, which now currently exist at Cornell University. SUNY was officially established in February 1948 when New York became the 48th state, of the then 48 states, to create a state university system. SUNY initially represented a consolidation of 29 unaffiliated institutions, including 11 teachers’ colleges. All of these colleges, with their unique histories and backgrounds, united for a common goal: To serve New York State. Since 1948 SUNY has grown to include 64 individual colleges and universities that were either formerly independent institutions or directly founded by the State University of New York.

Today, the State University of New York’s 64 geographically dispersed campuses bring educational opportunity within commuting distance of virtually all New Yorkers and comprise the nation’s largest comprehensive system of public higher education. The State University of New York’s 64 campuses are divided into four categories, based on educational mission, the kinds of academic opportunities available, and degrees offered. SUNY offers students a wide diversity of educational options: short-term vocational/technical courses, certificate programs, associate degree programs, baccalaureate degree programs, graduate degrees and post-doctoral studies. The University offers access to almost every field of academic or professional study somewhere within the system via 7,669 degree and certificate programs overall.

SUNY students represent the society that surrounds them. In January 2008, 19.9% of all enrolled students were minorities. While SUNY students are predominantly New York State residents, representing every one of the state’s 62 counties, they also hail from every other state in the United States, the District of Columbia, four U.S. territories, and 168 foreign countries. SUNY enrolls 40% of all New York State high school graduates, and the total enrollment of 418,000 full-time and part-time students represents 37% of New York State’s higher education student population. SUNY alumni number over 2.4 million graduates residing in New York State and throughout the world.

SUNY attracts the best and brightest scholars, scientists, artists and professionals and boasts nationally and internationally recognized faculty in all major disciplines. Faculty are regular recipients of prestigious awards and honors. Among our faculty are Nobel Laureates, Dirac and Fields Medal winners, National Medal of Science Laureates, and members of the National Academies of Science, Engineering and Medicine. Also among SUNY faculty are winners of the Pulitzer Prize, MacArthur Foundation “Genius Grants” and Grammy, Emmy and Tony Awards. SUNY highly values the work our faculty do in the classroom as well. We are proud to note that the 62 percent of our faculty at state-operated campuses who are full-time teach 75 percent of total credit hours.

Research

SUNY encourages research and innovation. In FY 2005, funding for SUNY research and sponsored programs totaled $894.1 million, supporting more than 18,000 employees and 10,500 SUNY research projects. This is a 10 percent increase from the previous year and more than a 95.3 percent increase since FY 1995. In FY 2004, a diverse range of SUNY ideas and discoveries generated 44 U.S. patents and $13.5 million in royalties. Based on the most recent Association of University Technology Managers “Licensing Survey: FY 2003,” SUNY is ranked the 14th largest producer of patents of all universities public and private, just behind Harvard and Cornell Universities. Our research also ranked 10th among New York State organizations in number of patents from 1999 to 2003, ahead of Carrier Corp., Siemens, Lockheed Martin, Bausch & Lomb and Bristol-Meyers Squibb.

Biomedical advances by SUNY professors include the invention of MRI technology, the first implantable heart pacemaker, discovery of the causes of Lyme disease and the invention of Nicorette® gum for smoking withdrawal.

State University of New York is governed by a Board of Trustees, appointed by the Governor, which directly determines the policies to be followed by the 34 state-supported campuses. Community colleges have their own local boards of trustees whose relationship to the State University Board is defined by law.

The University’s motto is: “To Learn—To Search—To Serve.”

Board of Trustees

The SUNY Board of Trustees (https://www.suny.edu/about/leadership/board-of-trustees/meet-the-trustees) is comprised of 18 members, 15 of whom are appointed by the Governor, with consent of the NYS Senate:

H. Carl McCall (Chairman)
Joseph Belluck
Courtney Burke
Marc Cohen
Eric Corngold
Robert Duffy
Angelo Fatta
Gwen Kay
Eunice A. Lewin
Marshall Lichtman

Faculty

SUNY is committed to bringing its students the very best and brightest scholars, scientists, artists and professionals. SUNY campuses boast nationally and internationally recognized faculty in all the major disciplines. Their efforts are regularly recognized in numerous prestigious awards and honors. Among our faculty are Nobel Laureates, Dirac and Fields Medal winners, National Medal of Science Laureates, and members of the National Academies of Science, Engineering and Medicine. Also among SUNY faculty are winners of the Pulitzer Prize, MacArthur Foundation “Genius Grants” and Grammy, Emmy and Tony Awards. SUNY highly values the work our faculty do in the classroom as well. We are proud to note that the 62 percent of our faculty at state-operated campuses who are full-time teach 75 percent of total credit hours.
Stanley Litow
Richard Socarides
Carol Spielvogel
Edward Spiro
Cary Staller
Nina Tamrowski
Merryl Tisch

System Administration

Chancellor
Dr. Kristina M. Johnson

Senior Vice Chancellor Finance and Chief Financial Officer
Eileen G. McLoughlin

Senior Vice Chancellor for Legal Affairs, General Council and Secretary of the University
Joseph B. Porter

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

Vice Chancellor for Capital Facilities & General Manager of Construction Fund
Robert Haelen

Chief Officer, Academic Health & Hospital Affairs
Dr. Ricardo Azziz

Interim Provost and Vice Chancellor for Research and Economic Development
Dr. Grace Wong

Vice Chancellor for Academic Affairs and Vice Provost
Dr. Elizabeth Bringsjord

President of the Research Foundation
Dr. Jeff Cheek

Vice Chancellor and Chief Diversity Officer
Dr. Carlos Medina

Vice Chancellor for Human Resources
Curtis L. Lloyd

Student Assembly President
Marc Cohen

University Faculty Senate President
Dr. Gwen Kay

Faculty Council of Community Colleges President
Nina Tamrowski
SUNY NEW PALTZ OVERVIEW

Character

SUNY New Paltz is a highly selective, publicly assisted, regional university, offering programs leading to the Bachelor's degree, the Master's degree and the Certificate of Advanced Study.

Founded

1828 as the New Paltz Classic Academy,

New Paltz is the 99th oldest collegiate institution in the country

Location

New Paltz, New York

Small, historic village in Mid-Hudson Valley, midway between Albany and NYC; exit 18 off the New York State Thruway (I-87)

Campus

216 acres set in the beautiful Hudson River Valley, settled next to the nation's oldest street with its original houses just blocks from campus; 39 non-residence buildings, 14 residence halls.

Enrollment

Graduate – 911

Undergraduate – 6,717

Academic Structure

The College has five academic schools:

• College of Liberal Arts & Sciences
• School of Business (AACSB accredited)
• School of Education (NCATE accredited)
• School of Fine & Performing Arts
• School of Science & Engineering

Faculty

404 holding a Ph.D. or terminal degree Student-Faculty Ratio – 15:1

Accreditation

The College is fully accredited by the Middle States Association of Colleges and Secondary Schools and is approved as a degree-granting institution by the Trustees of the State University of New York and the Regents of New York State. Academic programs with national certification include:

• Teacher certification by the New York State Education Department and accreditation by the National Council for Accreditation of Teacher Education
• Music programs are accredited by the National Association of Schools of Music and the National Association for Music Therapy
• Art programs are accredited by the National Association of Schools of Art and Design
• Theatre programs receive accreditation from the National Association of Schools of Theatre

• Chemistry program is accredited by the American Chemical Society
• Electrical Engineering program is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology
• Communication Disorders is accredited by the American Speech-Language and Hearing Association
• Business programs are accredited by the Association to Advance Collegiate Schools of Business
The State University of New York at New Paltz is an exciting blend of tradition and vision. At its educational core is the ever-present belief in the importance of a liberal arts education. This served as the guiding principle at the time the university was founded, in 1828, and continues to aid in the preparation of students for transition into the global community today. Equally important is the commitment to the growth of the student -intellectually, culturally, and socially. Throughout its history, New Paltz has led the way in the development of significant innovations, not the least of which has been its dedication to providing an international focus to all areas of its curriculum.

Between the founding of this school and the establishment of the present 257-acre campus of SUNY New Paltz, many historic changes took place.

1828 - School for teaching of classics started
1833 - The New Paltz Academy established
1885 - State normal school established
1886 - Normal school opened
1925 - Changed from offering a two year degree to three year
1942 - Normal school becomes State Teachers College at New Paltz; authorized to grant baccalaureate degree
1947 - Graduate courses leading to master’s degree introduced
1948 - State University of New York created by legislative action; The College at New Paltz joins 30 other institutions of higher learning
1951 - New Paltz adds art education degree to its program
1959 – College’s name changed to College of Education
1960 – Authorization of liberal arts program leading to Bachelor of Arts degree granted
1961 - College renamed State University of New York College of Arts and Science at New Paltz
1994 -College renamed State University of New York at New Paltz

Today, SUNY New Paltz has many more programs, facilities, and students than the founders of the classics school could have foreseen in 1828. What has not changed in the course of the history of higher education at SUNY New Paltz is the strong commitment to the principle of excellence in teaching and learning.

College Council

Eli Basch, Interim Chairperson
Michael E. Catalinotto, Esq.
Vincent Cozzolino ’83
Robert J. DiCarlo ’79
Ronald Law ’74
Eleanor Venables
Kaina Rivera, Interim Student Association President

Anne Balant, Faculty Representative
Robin Cohen-La Valle ’77, ’82g.
Alumni Representative

The Community

Located in the 329 year-old village of New Paltz (founded in 1677 by French Huguenots), the contemporary buildings of the landscaped campus are a fitting contrast to the historic structures of the community and to the farmlands and vineyards beyond. Nestled between the historic Hudson River to the east and the majestic Shawangunk Mountains to the west, New Paltz provides some of the most breathtakingly beautiful countryside on the east coast. The community is surrounded by the fertile farmlands of the Wallkill River Valley and hill upon hill of apple orchards and vineyards, making the region one of the prime apple-growing and wine making areas in New York State.

New Paltz is an aesthetic blend of commerce and natural beauty and is great for hiking and biking or just strolling along its many quiet tree-lined streets. Restaurants, retail shops and professional offices intermingle with historic stone houses built in the 17th and 18th centuries.

New Paltz is most famous for Huguenot Street, the oldest street in America, where visitors are welcome to tour the original stone houses, gaining a glimpse of 17th century colonial life.

The local terrain – from underground caverns to mountain peaks – is perfect for on-site study in geology. New York City, an educational gold mine, is less than a two hour drive, and benefits business, political science, communication, international relations, and fine and performing arts students with voluminous offerings: the UN, network studies, national publications, Wall Street, Broadway, museums and galleries, – to scratch only the surface.

Regional beauty is but one reason to consider attending New Paltz. The region itself abounds in educational experiences. History students, for example, would be hard-pressed to find a more suitable location for exploring America’s past. The nation’s oldest street with its original houses is just blocks from campus and ancient Native American artifacts abound. Former US presidents’ homes, as well as Kingston’s historic Rondout district, become natural labs for history and anthropology students. Political science majors are just a short drive away from the state capital and internships in state government. An abundance of health care agencies offer beneficial observation experience to students with ambitions for medical or allied health careers.

The Faculty

SUNY New Paltz faculty have been cited for excellence in teaching – SUNY Chancellor’s Award for Teaching and SUNY Distinguished Faculty – and numerous research honors such as Fulbright, Guggenheim, National Science Foundation and National Endowment for the Arts fellowships.

Chancellor’s Awards

State University’s Chancellor’s Award for Excellence in Teaching

Emeriti Faculty:
Student Consumer Information Requirement

In compliance with both Federal and State laws, the College makes available to students or prospective students information about instructional programs, costs of attending the institution, financial assistance available to students, refund policy, qualification of faculty, graduation rates and placement of graduates. The College Registrar is available to assist students or prospective students in obtaining information specified in the Regulations of the Commissioner of Education, Chapter 2, Sections 53.1-3.4.

A copy of the SUNY New Paltz campus crime statistics as reported annually to the U.S. Department of Education will be provided upon request by SUNY New Paltz University Police. Please direct all such requests to University Police at (845) 257-3340, or (845) 257-3802, or download the report at www.newpaltz.edu/police/securityact.html. Additionally, information may be obtained from the U.S. Department of Education website at www.ed.gov.

Access to Educational Records

1. The Family Education Rights and Privacy Act (FERPA) provides that qualified individuals and agencies shall have the right to inspect and review certain student educational records. Individuals and agencies so qualified are:
   - Presently and formerly enrolled students (who may see their own records);
   - Parents of formerly enrolled students of the van den Berg Learning Center;
   - School and government officials and agencies specifically described in Section 438 of the Act.

2. The following records are maintained by the college and may be reviewed by duly qualified persons by making a written request at the designated office. The law requires that access must be provided not more than 45 days after receipt of the request.
   - Records relating to student payments, receipts, applications for refunds, dormitory damage assessments – Office of Student Accounts.
   - Information concerning NDSL and Perkins Loans Student Loan Office.
   - Student teaching records, including personal information and evaluation reports (other than confidential evaluation reports received prior to January 1, 1975) – Student Teaching Office.
   - Records and recommendations relating to overseas academic programs (other than letters of recommendation received prior to January 1, 1975) – Center for International Programs.
   - Student housing records, including current addresses, records of dormitory disciplinary actions, requests for single rooms and accommodations for other special housing needs, dormitory damage assessments, resident assistant employment information – Department of Residence Life.
   - Records relating to Continuing Education (other than letters of recommendation received prior to January 1, 1975) – Office of Extended Learning.
   - Undergraduate admissions and readmissions files (other than letters of recommendation received prior to January 1, 1975) – Office of Records & Registration.
   - Records relating to Educational Opportunity Program students including academic records, letters of academic probation and dismissal – Educational Opportunity Program.
   - Graduate admissions applications, related correspondence (other than letters of recommendation received prior to January 1, 1975), and transcripts of baccalaureate work for matriculated
and non-matriculated graduate students – Office of Graduate 
& Extended Learning. Graduate Record Examination or Miller 
Analogies Test scores where required and letters of reference for 
matriculated students are on file in the respective department 
offices. Duplicate transcripts of baccalaureate work are on file in 
the respective department offices.

• Records relating to career planning and placement – Career 
Resource Center. Transfer students credit evaluations – Office 
of Records & Registration. Records relating to student financial 
aid (other than Parents’ Confidential Statements and Income tax 
returns) - Office of Financial Aid .

• Records relating to disciplinary action, legal action, or complaints 
about students – Office of the Vice President for Student Affairs.

• Student employment records – Payroll Office.

• Records relating to applications to medical and dental schools 
(other than letters of recommendation dated prior to January 1, 
1975) – Pre-Medical and Pre-Dental Advisory Committee, Dr. Tom 
Nolan, Chairman.

3. The following records maintained by the college are specifically 
excluded from the Family Education Rights and Privacy Act and will 
not be available for inspection:

• Personal notes made by instructional, supervisory, or 
administrative personnel, in the sole possession of the maker and 
not available to anyone else except a substitute.

• Records maintained by the Health and Counseling Centers, or by 
other college counselors. These records will be made available to 
an appropriate professional of the student’s (or parent’s) choice.

• Confidential letters of recommendation, reference, or evaluation if 
the right of access has been waived (see paragraph 8).

• Other letters of recommendation, reference, or evaluation received 
prior to January 1, 1975.

• Parents’ Confidential Statements and parents’ income tax returns.

4. Each of the offices mentioned in paragraph 2 will maintain a record of 
individuals or agencies who have requested and/or obtained access 
to the student records for which it is responsible, and will be available 
for inspection on the same basis as the basic records.

5. Access to records listed in paragraph 2 may be obtained by 
submitting a written request to the office indicated. Forms for 
this purpose are available in these offices but are not required. 
Arrangements will be made available within 45 days of the request for 
inspection of such records in the office in which they are maintained.

6. Requests by the student (or parent) for permanent removal of any 
document or record from the file or for permission to file a response 
to such document or record shall be made to the officer maintaining 
the record. If the request is denied, a hearing may be obtained in the 
following manner:

• If the officer maintaining the record is a vice president, the 
hearing will be conducted by the president (or designee).

• If the officer maintaining the record is not a vice president, the 
hearing will be conducted by the vice president (or designee) 
responsible for supervision of the office in which the record 
is maintained. In such cases the president (or designee) may 
entertain appeals.

• The hearing will be held within a reasonable time after request 
thereof is made and a written decision will be issued within 10 
working days of completion of the hearing.

7. Each student may waive his/her right to access confidential 
recommendations used solely in connection with applications for 
resolution to this or any other college or university, applications for 
employment, or receipt of an honor. The names of persons making 
such recommendations will be provided upon request. The executed 
waiver will be sent to the individual providing the recommendation 
and will place the recommendation in the category of documents not 
available for inspection and review.

8. It is the general policy of the college to obtain a student’s consent 
before releasing any information. However, in the case of normal 
public relations such as a specific public event (theatrical production, 
concert, athletic event, graduation, awarding of scholarship), 
information regarding a student’s participation in that event, the 
student’s class and major field of study, and the height and weight 
of members of athletic teams maybe released without consent. Any 
student who does not wish to have this information released must so 
notify the college relations officer in writing not later than the second 
week of classes – Office of Public Affairs.

Student Services
Student Health Service
Medical Problems and Education
(845) 257-3400

Student Counseling
Individual and Group Counseling and Outreach
(845) 257-2920

Disability Resource Center
Disabled Student Information and Services
(845) 257-3020

Career Resource Center
Career Advisement Resources
(845) 257-3265

Educational Opportunity Program
Assistance for Historically Disadvantaged Students
(845) 257-3220

Center for International Programs
International Student Advising
(845) 257-3125

Office of Financial Aid
Information on Grants and Loans
(845) 257-3250

Office of Student Accounts
Payment Information
(845) 257-3150

Department of Residence Life
On-Campus Housing
(845) 257-4444

College Bookstore
(845) 257-3050

Campus Auxiliary Services
ID Cards, Food Service
(845) 257-3370

Registrar
Course Registration, Transcript Requests
(845) 257-3100
Office of Computer Services
Student Computing
(845) 257-3130
Telecommunications & Parking Office
Parking Permits
(845) 257-3001
University Police
Emergencies
(845) 257-2222

Campus Regulations
Campus regulations are available either from the Office of the Vice President for Student Affairs or on-line at www.newpaltz.edu/studentaffairs/regulations.html.

Academic Resources
Sojourner Truth Library
Instructional Media Services
Samuel Dorsky Museum of Art
Haggerty Intensive English Language Program
Mid-Hudson Teacher Center
Mid-Hudson School Study Council
Classroom Technology Institute
Software Institute Curriculum Center
Speech and Hearing Center
Teaching and Learning Center

Academic Facilities
General Use Classrooms – 77
General Use Lecture Halls – 8
Smart/Electronic Classrooms – 17
Science and Engineering Labs – 29
Open and Specialized Computer Labs – 61
Music Practice Rooms – 10
BFA Studios – 48 in 5 locations
MFA Studios – 45 in 5 locations
Specialized Art Task Rooms & Art Labs - 41
Theatres – 3
Recital Halls – 1
Planetarium – 1
Speech & Hearing Clinic – 1
Music Therapy Clinic – 1
Language Learning Center – 1
GRADUATE ACADEMIC POLICIES

State University of New York at New Paltz

We have made every effort to provide salient and accurate information in this handbook. However, the SUNY New Paltz assumes no liability for errors or omissions in this publication and reserves the right to alter existing rules and regulations such as those governing academic programs, academic standards, and organizational structures within its jurisdiction and after appropriate consultation. Students, faculty, and staff are expected to be governed by the information herein published or subsequently altered.

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 persons alleging discrimination should contact the Affirmative Action Office at 257-3271.

Major/HEGIS/Program Codes

Master of Science in Education (MSED) 1

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Major</th>
<th>HEGIS</th>
<th>PRG #</th>
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<tbody>
<tr>
<td>Childhood Education</td>
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<tr>
<td>Early Childhood Concentration</td>
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<tr>
<td>STEM Concentration</td>
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<td>Reading-Literacy Concentration</td>
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<td>Literacy Education</td>
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<tr>
<td>Literacy Education B-6</td>
<td>030A</td>
<td>0830</td>
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<tr>
<td>Literacy Education B-6 (New Paltz Campus)</td>
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<td>Literacy Education B-6 (Rockland Ext Site)</td>
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<td>Adolescence Education</td>
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<tr>
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<td>Adolescence Education: Mathematics</td>
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<td>Adolescence Education: Social Studies</td>
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Visual Arts Education

| Summer Art Ed                  | 050S   | 0831.00| 25277 |

Special Education

| Special Education: Adolescence Ed | 060G   | 0808  | 25282 |
| Special Education: Childhood Ed   | 060C   | 0808  | 25283 |
| Special Education: Early Childhood | 060E  | 0808  | 31416 |

Teaching English to Speakers of Other Languages

| Second Language Education (TESOL) | 065    | 1508  | 25313 |

Educational Administration

| School Leadership               | 080A   | 0828  | 79090 |
The State University of New York at New Paltz

**Master of Professional Studies (MPS)**

<table>
<thead>
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<th>Program Name</th>
<th>Major</th>
<th>HEGIS</th>
<th>PRG #</th>
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<tbody>
<tr>
<td>Humanistic/Multicultural Education</td>
<td>070</td>
<td>0801</td>
<td>25291</td>
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<tr>
<td>General Program</td>
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<td>Teaching Cert: Special Subjects Only</td>
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**Master of Science in Teaching (MST)**

<table>
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<th>Program Name</th>
<th>Major</th>
<th>HEGIS</th>
<th>PRG #</th>
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<tbody>
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<td>Childhood Education (1-6)</td>
<td>020C</td>
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<tr>
<td>Early Childhood (B-2) &amp; Childhood Ed (1-6)</td>
<td>020E</td>
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**Master of Arts in Teaching (MAT)**

<table>
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<td>Adolescence Education: Chemistry</td>
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<td>1905.01</td>
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<td>Adolescence Education: Earth Science</td>
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<td>1917.01</td>
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<td>Adolescence Education: English</td>
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<td>1501.01</td>
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<td>Adolescence Education: French</td>
<td>105B</td>
<td>1102.01</td>
<td>25306</td>
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<tr>
<td>Adolescence Education: Mathematics</td>
<td>107B</td>
<td>1701.01</td>
<td>25808</td>
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<td>Adolescence Education: Social Studies</td>
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**Master of Arts (MA)**

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<tr>
<td>English</td>
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<td>1501</td>
<td>12327</td>
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<td>Psychology*</td>
<td>208</td>
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<td>03755</td>
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* Spring 2018 will be our final cohort of the MA Psychology program.

**Master of Business Administration (MBA)**

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<th>Program Name</th>
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<td>0506</td>
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<td>Public Accountancy</td>
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<td>0502</td>
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**5 Year Master's Degree Programs**

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<tr>
<td>BA Chemistry</td>
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<td>BA Geology</td>
<td>102E</td>
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<td>37893</td>
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<td>BA Chemistry - MAT</td>
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<td>BA Geology - MAT</td>
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**Master of Science (MS)**

<table>
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<th>Program Name</th>
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<tr>
<td>Communication Disorders</td>
<td>090</td>
<td>1220</td>
<td>25668</td>
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<td>Speech-Language Disabilities</td>
<td>090I</td>
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<tr>
<td>Speech-Language Pathology</td>
<td>090S</td>
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<tr>
<td>Computer Science</td>
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<td>Electrical Engineering</td>
<td>265</td>
<td>0909</td>
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<tr>
<td>Energy</td>
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<tr>
<td>Microelectronics</td>
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<td>Systems</td>
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<td></td>
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<tr>
<td>Music Therapy</td>
<td>285</td>
<td>1099</td>
<td>31000</td>
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1. MST program leads to NYS Teaching Certification in Childhood (1-6) and Early Childhood Education (B-2).
2. MAT program leads to NYS Teaching certification in grades 7-12.
Clinical Mental Health Counseling 293 2104 31095
School Counseling 295 0826 32351
Psychological Science 210 2001 03755

Master of Fine Arts (MFA)

<table>
<thead>
<tr>
<th>Program Name</th>
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<tr>
<td>Ceramics</td>
<td>301</td>
<td>1009</td>
<td>03729</td>
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<tr>
<td>Metal</td>
<td>302</td>
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<td>03731</td>
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<tr>
<td>Painting/Drawing</td>
<td>303</td>
<td>1002</td>
<td>12319</td>
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<td>Printmaking</td>
<td>305</td>
<td>1009</td>
<td>12316</td>
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<tr>
<td>Sculpture</td>
<td>306</td>
<td>1002</td>
<td>03724</td>
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Advanced Certificates

<table>
<thead>
<tr>
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<tr>
<td>Mental Health Counseling</td>
<td>291</td>
<td>2104</td>
<td>35776</td>
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<td>Multicultural Education</td>
<td>071</td>
<td>0899</td>
<td>34618</td>
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<tr>
<td>Teaching English Speakers of Other Languages</td>
<td>066</td>
<td>1508.00</td>
<td>3895</td>
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<tr>
<td>Trauma &amp; Disaster Mental Health</td>
<td>292</td>
<td>2104</td>
<td>37119</td>
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Certificate of Advanced Study (CAS) *

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<tr>
<td>School Leadership</td>
<td>401A</td>
<td>0827</td>
<td>29035</td>
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* 30 credits beyond the Master’s degree.

Application to the following programs has been temporarily suspended:

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Major</th>
<th>HEGIS</th>
<th>PRG #</th>
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<tbody>
<tr>
<td>Ad Cert</td>
<td>067</td>
<td>1508.00</td>
<td>35335</td>
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<tr>
<td>Teaching English Language Learners (TELL)</td>
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<td>CAS Alt. Cert. School District Leader (Trans D)</td>
<td>401B</td>
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<td>29036</td>
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<tr>
<td>CAS School District Business Leadership</td>
<td>402</td>
<td>0827</td>
<td>29037</td>
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<tr>
<td>MSEd Adolescent 059G Special Ed &amp; Literacy Ed</td>
<td>0899.00</td>
<td>31412</td>
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<tr>
<td>MSEd Childhood 059C Special Ed &amp; Literacy Ed</td>
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<td>31414</td>
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Degree Programs

SUNY New Paltz offers programs leading to eight Master’s Degrees, four Advanced Certificates, and the Certificate of Advanced Study.

Master of Science in Education

The Master of Science in Education degree is for teachers who wish to improve their professional competence and mastery of subject matter. Completion of a degree program may lead to professional certification in a field and level, providing the student has at least three years of full-time teaching experience and has initial certification in a teachable major.

Master of Arts in Teaching

The Master of Arts in Teaching degree is designed specifically for non-certified students who have bachelors’ degrees in an academic discipline and who wish to earn a teaching certificate at the secondary level in grades 7-12.

Master of Science in Teaching

The Master of Science in Teaching degree is designed specifically for non-certified students who have bachelors’ degrees in an academic discipline and who wish to earn a teaching certificate at the elementary level in grades B-2 or 1-6.

Master of Professional Studies

The Master of Professional Studies degree is offered in humanistic/multicultural education. This program is designed for individuals who are involved in education in its broadest sense who are seeking to help others develop their intellectual capacities, expand their self-knowledge, enhance interpersonal skills, and foster humane working, learning, or living situations. Students currently enrolled include individuals in the helping professions and teachers with certification in special subjects such as family-consumer science, health, music, physical education, and technology.

Master of Arts

The Master of Arts degree may serve as a complete program in a specific discipline or as a first stage of graduate study. If a student has initial certification at the secondary level in the same discipline as the MA, application for professional certification may be made upon completion.
of the degree, providing the student has at least two years of full-time teaching experience in the area of certification.

**Master of Science**

The Master of Science degree is offered in the following areas:

**Communication Disorders**
The Master of Science degree in Communication Disorders prepares students who have a strong undergraduate background in Communication Disorders for a wide range of career opportunities and for doctoral study. The programs are accredited by the American Speech-Language Hearing Association (ASHA) and are registered as licensure qualifying in New York State. The Speech and Language Disabilities concentration leads to New York State teacher certification as a Teacher of Students with Speech and Language Disabilities (TSSLD).

**Computer Science**
The Master of Science degree in Computer Science is designed to help students from all backgrounds advance to new careers in technology fields. Core courses emphasize aptitudes like software application engineering, data science and web technologies, while electives allow students to pursue cutting-edge topics like machine learning and artificial intelligence. The program offers courses in both flexible online formats and in-person at state-of-the-art facilities like our new Science Hall. The program does not require a baccalaureate degree in computer science and can be completed in less than two years.

**Counseling**
The Master of Science degree in Mental Health Counseling comprises 60-credits. It offers students the opportunity to pursue a specialized course of study. It serves both students seeking licensure as mental health counselors and those who intend to pursue doctoral studies. Degree requirements cover a core curriculum and specialized courses. Three required fieldwork courses provide unique, varied, and intense hands-on mental health counseling training experiences under supervision of licensed professionals.

The Master of Science degree in School Counseling comprises 60-credits and leads to certification as a school counselor. The curriculum covers school counseling practice and research, in addition to necessary coursework in human growth and development, social and cultural foundations, helping relationships, group work, career and lifestyle development, appraisal, research and program development, and professional orientation. Practicum and internship experiences provide unique, varied, and intense hands-on school counseling training experiences that meet state certification requirements. The degree can be completed full-time in two years, including summer classes.

**Electrical Engineering**
The Master of Science degree in Electrical Engineering is designed to serve recent graduates and practicing engineers who need in-depth knowledge in the rapidly changing and expanding areas of electrical engineering beyond what is typically included in a bachelor’s program. The program offers the following areas of specialization: Computer Engineering, Energy, Microelectronics, and Systems. Students may elect a 30 credit thesis option, which emphasizes research, or a 30 credit non-thesis option which requires the successful completion of a comprehensive examination.

**Music Therapy**
The Master of Science degree in Music Therapy comprises 48-credits and provides students with a baccalaureate degree in music the opportunity to study music therapy at an advanced level. In this program, students acquire musical, clinical, and research skills essential for professional practice. The program is approved by the American Music Therapy Association (AMTA), the New York State Department of Education, and the National Association of Schools of Music. Upon completion of the required 48 credit curriculum and minimum 1200 hours of supervised clinical training, students are eligible to sit for the Certification Board Examination in Music Therapy.

**Psychological Science**
The Master of Science degree in Psychological Science comprises 39-credits. This research-based program exposes students to research in a variety of fields including social, cognitive, developmental, and applied psychology. In addition, students learn advanced statistical and experimental and non-experimental methodological skills. The degree may serve as preparation for entry into a doctoral program or as additional training for those who plan to enter or continue work in applied areas of psychology with an emphasis on research.

**Master of Business Administration**
The Master of Business Administration degree prepares career-oriented individuals for a broad range of management responsibilities by offering concentrated study in business administration or public accountancy. The MBA program will enable students to take managerial and professional leadership roles in regional, national, and international enterprises.

**Master of Fine Arts**
The Master of Fine Arts degree comprises 60-credits specializing in ceramics, metal, painting/drawing, printmaking and sculpture (photography and graphic design). Candidates holding a master's degree in art studio or fine arts may petition the department to transfer a maximum of 30 credits toward the 60-credit MFA program.

**Advanced Certificate Programs**

**Mental Health Counseling**
The 18-24-credit Advanced Certificate in Mental Health Counseling is a bridge program that addresses the needs of two distinct cohorts, both requiring supplemental coursework and training to qualify for licensure as mental health counselors in New York State.

**Trauma & Disaster Mental Health**
The 15-credit Advanced Certificate in Trauma and Disaster Mental Health program is designed for mental health professionals who are pursuing, or who have already earned an MA, MS, or higher degree in counseling, social work, or related fields, and who would like to receive intensive specialized education in assisting survivors of disasters and trauma. All classes are taught entirely online with the exception of one weekend on the New Paltz campus.
Multicultural Education
The 15-credit Advanced Certificate in Multicultural Education is designed for teachers and other educational professionals who are interested in enhancing their cultural competencies. This post-master’s certificate program provides educators with the knowledge and skills needed for culturally-responsive teaching and leadership, as well as, approaches for creating socially-just educational settings. This program does not lead to a NYS teaching certificate.

Teaching English to Speakers of Other Languages
This clinically-rich Advanced Certificate in Teaching English to Speakers of Other Languages is designed for initially and professionally NYS certified teachers who have an interest in working with multilingual learners. This convenient program allows teachers to complete fieldwork in their own classrooms, assigns a mentor teacher in their building, offers classes on Saturdays, and leads to NYS certification in teaching English to Speakers of Other Languages (ESOL) all grades.

Certificate of Advanced Study
The Certificate of Advanced Study program in School Leadership is a 60-credit program (30 credits from master’s degree + 30 additional credits) leading to professional NYS certification as a School Building Leader and School District Leader.

Academic Policies and Procedures
Consistent with its mission as a public institution of higher education, SUNY New Paltz sponsors a broad spectrum of opportunities and services for graduate students in its service region. Although there is a stringent set of criteria for matriculation in a degree program, most students will have access to post-baccalaureate study at New Paltz. Although enrollment in some courses is restricted to matriculated students, many courses have prerequisites, and many others are open and available to students with graduate standing regardless of their field of preparation.

Graduate studies at New Paltz presuppose a rigorous course of study at a higher level and in greater depth than at the undergraduate level. Matriculated students follow a prescribed program, the “plan of study” and must remain in academic good standing. Other students may register for courses for which they are qualified without regard to a “plan.”

Non-degree students who subsequently apply for matriculation are considered in a manner similar to undergraduate transfer students. That is, graduate credits earned prior to matriculation will be evaluated by the department to determine which, if any, may be applied to the degree. Factors to be considered in evaluating these credits include the grade received, the accreditation status of the school, and, for rapidly changing fields, the currency of skills and information covered in the courses.

The non-degree classification includes visiting students, students in the last term of their baccalaureate study, and others who do not plan to work toward a degree. Upon request, the College will provide an official transcript of all graduate courses completed and the grades earned. No official status or obligation pertains to non-degree students.

Deferral Policy
The following deferral policy is applicable to some programs. Please check with your departmental advisor to see if this policy applies to you.

Graduate program acceptance and matriculation is for the semester indicated in the student’s acceptance letter.

Students who do not enroll in the semester for which they are accepted forfeit their place in the program. Students who have forfeited acceptance into a program have up to one year to request that their acceptance be reinstated. However, granting this request remains at the discretion of the program and the Assistant Vice President for Graduate & Extended Learning. After that point, it will be necessary to reapply. Please email us at gradstudies@newpaltz.edu for more information.

Plan of Study
Once a student receives an offer of admission to a graduate program and confirms his/her intention to enroll, the student should meet with the assigned advisor to complete a Plan of Study. The Plan of Study lists all of the courses that will comprise the student’s degree program. It should be signed by the student, the student's academic advisor(s), the department chair, and is approved by the Assistant Vice President for Graduate & Extended Learning. Graduate students pursuing a degree in adolescence education must have their plans approved by the Education and Content area advisors. Only two courses below B- (2.67 on the 4.00 scale) will be counted toward a graduate degree. Matriculated students with four or more grades below B- will forfeit their matriculated status. Please note that neither undergraduate courses, nor graduate courses with a grade of F may be included on a graduate Plan of Study.

An official Plan of Study must be forwarded to Graduate & Extended Learning for final approval by the Assistant Vice President by end of the student’s first semester of coursework following matriculation. Subsequent minor revisions to the plan may be made using the “Request for Change in Plan of Study” form which is available from the academic advisor(s) or from the Graduate Studies website at: http://www.newpaltz.edu/graduate/forms.html. If the student requires more extensive revision to his/her original plan of study, then a replacement plan should be filed with the office of Graduate & Extended Learning.

Advising
Candidates for graduate degrees are assigned an advisor who will assist in developing a plan of study to reflect the student's interests and career plans and to fulfill degree requirements. Students should not select courses without consulting their advisor or developing a plan of study.

Non-degree students may contact the Graduate & Extended Learning Recruiter & Advisor (http://www.newpaltz.edu/graduate/staff) for advisement.

Academic "Good Standing"
Academic Good Standing is defined as a cumulative GPA between 3.0 and 4.0.

Academic Warning is defined as a cumulative GPA between 2.75 and 2.99, after nine credits of graduate coursework. Students placed on academic warning will receive a letter from the Graduate School and must make appointments to meet with their academic advisor and the Dean of the Graduate School. After two consecutive semesters of academic warning, a student’s registration is barred and the block is only removed after the student meets with the Dean of the Graduate School. If the student’s academic status does not return to good standing after the third consecutive semester, the student may be academically dismissed.
Academic Probation is defined as a cumulative GPA between 2.50 and 2.74 after nine credits of graduate coursework. Students placed on academic probation will receive a letter from the Graduate School and must make appointments to meet with their academic advisor and the Dean of the Graduate School. While in this academic status, the student’s transcript will be marked with a probation indicator. If a student fails to meet with the Dean, he/she will be blocked from future registration. Students will be academically dismissed after two consecutive semesters of academic probation.

Academic Dismissal is incurred once a student has earned a cumulative GPA below 2.5, after twelve credits of graduate coursework. Students will also be dismissed after three consecutive semesters of academic warning or after two consecutive semesters of academic probation. Once a student has been academically dismissed, the student is deregistered from current coursework and future registration is prohibited. This action also means that the student cannot matriculate into another graduate program at SUNY New Paltz.

<table>
<thead>
<tr>
<th>GPA</th>
<th>Academic Standing</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00-4.00</td>
<td>Good Standing (GS)</td>
<td></td>
</tr>
<tr>
<td>2.75-2.99</td>
<td>Academic Warning—1st semester (W1)</td>
<td>Registration is not affected.</td>
</tr>
<tr>
<td>2.75-2.99</td>
<td>Academic Warning—2nd semester (W2)</td>
<td>Registration is prohibited. Student must meet with Dean of The Graduate School before he/she will be allowed to register.</td>
</tr>
<tr>
<td>2.50-2.74</td>
<td>Academic Probation (AP)</td>
<td>Future registration is prohibited. A probation indicator will be noted on the student's transcript.</td>
</tr>
<tr>
<td>2.49 and #</td>
<td>Academic Dismissal (AD)</td>
<td>Registration is prohibited and student is deregistered from coursework.</td>
</tr>
</tbody>
</table>

Academic Integrity

Students are expected to maintain the highest standards of honesty in their college work. Cheating, forgery, and plagiarism are serious offenses, and students found guilty of any form of academic dishonesty are subject to disciplinary action.

Cheating is defined as giving or obtaining information by improper means in meeting any academic requirements. The use for academic credit of the same work in more than one course without knowledge or consent of the instructor(s) is a form of cheating and is a serious violation of academic integrity.

Forgery is defined as the alteration of college forms, documents, or records or the signing of such forms or documents by someone other than the proper designee.

Plagiarism is the representation, intentional or unintentional, of someone else’s words or ideas without attribution or as one’s own. Since words in print are the property of an author or publisher, plagiarizing is a form of larceny punishable by fine. When using another person’s words in a paper, students must place them within quotation marks or clearly set them off in the text and give them appropriate footnoting. When students use only the ideas and change the words, they must clearly identify the source of the ideas.

Plagiarism, whether intentional or unintentional, therefore, is a violation of the property of the author plagiarized and of the implied assurance by the students when they hand in work that the work is their own. If students have any questions about what constitutes plagiarism, it is their responsibility to clarify the matter by conferring with the instructor.

Faculty members must report in writing cases of cheating, plagiarism or forgery to their department chair, academic Dean and Associate Dean for Student Affairs. Faculty members are also responsible for making the initial determination of the academic penalty to be imposed in cases of cheating, plagiarism, or forgery and for informing in writing the department chair, the academic Dean, and the student of the alleged violation and the proposed penalty. The academic penalty may range, for instance, from failure of a specific piece of work in a college course to failure of the course itself.

Cases requiring disciplinary and/or grade appeal action will be adjudicated in accordance with Procedures for Resolving Academic Integrity Cases, a copy of which is available in the Office of Graduate & Extended Learning, the office of the Provost for Academic Affairs, and in the academic Dean’s office.

Graduate Appeals Procedures

Student Grievance

The State University of New York at New Paltz complies with New York State Education Department regulations requiring that campuses have procedures in place for filing complaints and seeking resolution of perceived academic problems.

Purpose: The purpose of these policies is to facilitate the reconciliation of student complaints, including academic and nonacademic issues (e.g., student services, administrative concerns, or matters involving any form of discrimination). Grievances involving academic issues will be limited to final course grades and satisfactory completion of instructional program requirements.

Student Complaints Regarding Alleged Sexual Assault, Harassment, and/or Discrimination

If the complaint involves allegations of sexual assault or harassment, and/or discrimination based on race, sex, ethnicity, national origin, sexual orientation, religion, age, disability, or marital status, the student should use procedures administered through the Office of Compliance and Campus Climate, Haggerty Administration Building, Room 602A. Allegations of sexual assault, harassment, and/or discrimination should be reported immediately to this office for confidential discussion.

Student Complaints Regarding Nonacademic Issues

If the complaint involves nonacademic issues, the student should follow the procedures set forth by the Department of Student Affairs and administered by the Dean of Students, Haggerty Administration Building, Room 702. However, students are encouraged to seek resolution of the perceived problem directly in the unit in question before initiating processes that are more formal.
Student Grade Appeals

The following procedures pertain to a student’s grade appeal and reflect the College’s commitment to a fair and prompt resolution of such appeals.

Grade Appeal Procedures

The procedures begin with an informal process (see Step I below) and proceed to a formal process (see Steps 2-5 below) that includes hearings and investigations that are intended to render an impartial solution. The student may only appeal a final course grade (i.e., the grade submitted by the instructor at the end of the course.) The grades on individual course assignments may, however, serve as the primary evidence for a grade appeal.

Basis for Student Grade Appeals

1. The student may not base a grade appeal on disagreement with the grading policy as established and published by the course instructor.

2. Only the final grade submitted by the course instructor at the conclusion of the course can be appealed. Grades on individual course assignments cannot be appealed separately in this process although demonstration of instructor’s error on the grades for individual assignments may serve as the primary evidence for a successful appeal of the final course grade.

3. The student may base a grade appeal on the instructors’ (a) failure to follow a published grading policy in calculating grades for the course as a whole or in calculating the grade for the complainant and/or (b) erroneous or unfair application of the published grading policy or standards in determining the complainant’s grade in the course.

Time Limits

At the informal level (Step 1), the student must file a grade appeal by the second week of the following semester. At the formal level (Steps 2), the grade appeal must be submitted to the department chair by the fifth week of the following semester.

Guidance Regarding Documentation

The burden of proof in the grade appeal is always on the student. Therefore, the student must substantiate the grievance. Retention of all documentation from a course, including but not limited to the syllabus, tests, papers, and any other graded evaluations is strongly recommended.

Grievance Resolution Process

The grade appeal process includes the possibility of hearings at the Department, School, graduate Council/Assistant Vice President for Graduate & Extended Learning, and Provost levels.

Student Complaints Regarding Academic Competence and/or Disposition

If the complaint involves failure of a course, placement/practicum, or suspension or dismissal from a program for reasons related to competence or disposition, the student should contact the department chair or coordinator of the program in which the course is offered. They will assist you in dealing with these kinds of grievances.

It is imperative that the student recognizes the responsibility for taking the initiative in the appeal and for processing the appeal. It is the student’s decision whether or not to proceed to each step of the process.

Step 1:

A student grade appeal can be filed only if the student has first attempted to resolve the complaint informally with the instructor involved. As previously stated, the contact must be initiated by the second week of the following semester. If the instructor is not available, the student should contact the department chair for assistance in contacting the instructor. It sometimes is the case that instructors are not available after the spring semester ends and during the summer months.

If a satisfactory resolution of the problem is not achieved and the student wishes to initiate a formal grade appeal, the instructor must provide the student a signed acknowledgement stating that the consultation took place, and that the student’s attempt to resolve the appeal was unsuccessful. If a student wishes to initiate a formal appeal, see Step 2.

Step 2:

The student who is unable to achieve resolution with the instructor may initiate a formal grade appeal, with the department chair (by the fifth week of the semester), by preparing a written statement. If the chair is the party against whom the grade appeal is brought, the student may appeal at the dean’s level (i.e., the dean of the School/College offering the course). The appeal to the chair (or dean if the chair is by-passed) should include:

- A statement of the case in detail, including the reasons the student believes the grade should be reconsidered.
- All information about the consultation with the instructor.
- All relevant supporting materials, which should be identified and listed in an appendix.

The department chair will notify the instructor of the student’s decision and, if deemed necessary, will advise the instructor to prepare a written statement explaining his/her position on the case. In attempting to resolve the grievance, the chair may consult with the student, instructor, and program coordinator. The chair’s response to the student must be made within ten days of the date of the student’s appeal. It should briefly state the nature of the appeal and the reason for its approval or denial. If a satisfactory resolution of the problem is not achieved, the student may appeal to the dean’s level (i.e., the dean of the School/College offering the course).

Step 3:

The student who decides to appeal to the School/College dean must inform the department chair of the decision, and must file the appeal with the dean within two weeks of receiving the department chair’s decision. The chair will notify the instructor of the student’s decision and will forward to the dean any correspondence pertaining to the case, as deemed necessary. The documentation that the student submits to the dean includes those described in Step 2, along with the correspondence from the instructor and the department chair.

Upon receiving the student’s grade appeal, the School/College dean or his/her designee will examine the documentation and determine whether a hearing is needed. If the dean/designee finds that there are no valid grounds for the grade appeal, s/he will inform the student and the course instructor (with a copy to the chair) of the
finding. However, if the dean/dean’s designee finds valid grounds for the grade appeal, the dean/designee will notify the student, the chair, and the instructor that a hearing will be held. The student and instructor may seek the dean’s/dean’s designee permission to bring to the hearing witnesses to support their position. The dean/dean’s designee will hold the hearing as quickly as possible.

If the dean/dean’s designee finds that the student has not proven that the course grade should be changed, the instructor’s grade will stand, and the student will be notified of the decision within one week of the hearing. However, if the dean/dean’s designee finds grounds to uphold the appeal, the dean/dean’s designee, in consultation with the course instructor, will determine what the correct grade should be, and the dean/dean’s designee will inform the student of the decision within two weeks of the hearing. The dean/dean’s designee will require the course instructor to change the grade by submitting a grade change via my.newpaltz.edu. A record of this decision will be kept on file in the dean’s office for six years.

Step 4:
The student who is unable to achieve resolution at the School/College dean’s level may appeal to the Assistant Vice President for Graduate & Extended Learning, and must inform the dean/dean’s designee of the decision. The student must file the appeal with the Assistant Vice President within two weeks of receiving the dean/dean’s designee decision. The documentation that the student submits to the Assistant Vice President includes those described in Step 2, along with the letters from the instructor, department chair, and School/College dean/dean’s designee.

The Assistant Vice President and Graduate Council will examine the documentation and determine whether a hearing is needed. If the Assistant Vice President and Graduate Council find that there are no valid grounds for the grade appeal, the Assistant Vice President will inform the student, course instructor, and School/College dean of the finding. However, if the Assistant Vice President and Graduate Council find valid grounds for the grade appeal, the Assistant Vice President will notify the student, instructor, chair, and dean that a hearing will be held. The student and instructor may seek the Assistant Vice President’s permission to bring to the hearing witnesses to support their position. The Assistant Vice President and Graduate Council may also call witnesses. The Assistant Vice President and Graduate Council will hold the hearing as quickly as possible. If the Assistant Vice President and Graduate Council find that there are grounds to uphold the appeal, the Assistant Vice President, in consultation with the course instructor and School/College dean will determine what the correct grade should be. The Assistant Vice President will require the course instructor to change the grade by submitting a grade change via my.newpaltz.edu. The Assistant Vice President will notify the student of the decision, copied to the instructor, chair, School/College dean, and Provost. A record of this decision will be kept on file in the Office of the Graduate & Extended Learning for six years.

Step 5:
The student who is unable to achieve resolution at the Assistant Vice President /Graduate Council level may appeal to the Provost/Vice President for Academic Affairs. The student must inform the Assistant Vice President of the decision to continue the appeal, and must file the appeal with the Provost/Vice President for Academic Affairs within two weeks of receiving the Assistant Vice President’s decision. The documentation that the student submits to the Provost/Vice President for Academic Affairs includes those described in Step 2, along with the letters from the instructor, department chair, School/College dean/dean’s designee, and the Assistant Vice President.

The Provost/Vice President for Academic Affairs or designee will examine the documentation and determine whether the appeal will be granted or denied. In deciding the appeal, the Provost/Vice President for Academic Affairs or designee may consult with one or more of the following: student, instructor, chair, dean, and/or Assistant Vice President. The Provost will notify the student of the decision, copied to the instructor, chair, School/College dean, and Assistant Vice President. A record of this decision will be kept on file in the Provost’s Office for six years.

The Provost/Vice President for Academic Affairs’ decision on the student’s grade appeal is final. In other words, there is no appeal of this decision beyond the Provost’s Office or in the future—with one exception. Only new evidence on the student’s or course instructor’s part will reopen an appeal. Any subsequent request to reactivate the appeal must be brought within one calendar year of a decision by the Provost/Vice President for Academic Affairs and would be addressed to the School/College Dean's office.

If a student grade appeal submitted by a graduate student in his/her last semester is successful after the student graduated, the College Registrar is authorized to make any grade change to the student’s final transcript as directed by the School/College Dean. A student must file a grade appeal by the mid-point of the following semester or forfeit his or her right to appeal the grade.

Confidentiality
All individuals involved with a grade appeal are required to maintain the confidentiality of the proceedings and of all materials presented.

Course-Numbering System
The first three letters identify the department of origin of the course; the first digit denotes the level, the last two digits identify the course in the department’s course taxonomy. Graduate students do not receive credit for any course below the 500-level.

500-Level Courses
These are graduate courses designed to build upon the knowledge and skills achieved in an undergraduate field of specialization.

700-Level Courses
These are advanced courses designed specifically to extend in depth and specialization the knowledge and skills of the student who has an extensive background in the subject area. Appropriate prerequisites are indicated for these courses.

Grading System
Student performance in most courses is evaluated by letter grades according to the following scale: grades of A, A- which is outstanding work of consistently high order; B+ for work which is distinctly above average; B which is average work; B-, C+, for below average work; C, C-, D+, D, or D- for less than marginal work; F is failing.
The computation of grade point average is based upon the following point values:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Point Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>3.67</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td>2.67</td>
</tr>
<tr>
<td>C+</td>
<td>2.33</td>
</tr>
<tr>
<td>C</td>
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<tr>
<td>D+</td>
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<tr>
<td>D</td>
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<tr>
<td>D-</td>
<td>0.67</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
</tr>
</tbody>
</table>

The mark of I (Incomplete) is awarded at the discretion of the instructor and at the request of a student, only when the student has completed at least three-quarters of the required work for a course, and where a personal emergency prevents the student from finishing the work on schedule. A student who receives an incomplete grade must complete the course work by the midterm (or by the date indicated on the campus calendar) of the next semester or the I will be converted to an F.

A student who does not register for one calendar year after the semester or summer session in which the incomplete was awarded will have the incomplete converted to a “permanent incomplete” (I*) if the course is not completed, or an extension not granted, and the instructor does not change the grade within a calendar year of granting the incomplete. The “permanent incomplete” can never be changed, but a student may graduate with the mark on his/her record.

A student who enrolls in a course and neither attends, nor withdraws will earn a grade of F*. This grade is included in the student’s GPA as an F.

The mark of H (Hold) is used only in those few courses for which it has been approved, such as where the work begun for a Thesis in a given semester is continued into the following semester. The grade given at the end of the second semester automatically replaces the H given for the first semester. The mark of H is also frequently assigned, instead of an I, when the coursework in "Thesis" is incomplete.

Students may not graduate with an H or an I on their record. There is one exception to this rule. A student with an incomplete in a course which was taken in his/her last semester at New Paltz and which is not needed to fulfill any college, curriculum, major, or minor requirement may request a permanent incomplete (I*). This request must be made in writing to the Registrar, HAB 13, and, if the permanent incomplete is granted, the mark can never be changed. This exception does not apply to the mark of H.

**Calculation of Grade Point Average**

All SUNY New Paltz graduate courses on the student’s graduate transcript regardless of matriculation status are used to calculate the GPA.

**S/F Option**

Graduate students may not elect the S/F Option (formerly listed as the S/U Option) for graduate classes. Graduate students who take an undergraduate class outside of their disciplinary area may petition the Assistant Vice President for Graduate & Extended Learning for the S/F option (formerly listed as the S/U Option) for this class. This option will be granted once for any graduate student.

**Withdrawal from a Course**

A student may withdraw from a course until the date specified in the academic calendar (https://www3.newpaltz.edu/calendars) with the payment of a fee. A course withdrawal after that date will be permitted only for compelling non-academic reasons; students should consult with the Academic Dean of the faculty offering the course for detailed information.

- No record of course enrollment will appear on the transcript if a course is dropped during the course-change period.
- A grade of W will be recorded for course withdrawals initiated between the end of the course-change period and the course withdrawal deadline indicated on the academic calendar.
- A grade of F* will be recorded for any student who informally drops a course without following the procedure outlined above. The signature of the instructor and last date of attendance must be recorded on the withdrawal form.

**Second Degree at the Same Level**

Under certain conditions, students may earn a second degree at the same level. Students may pursue a second master’s degree once the first degree has been awarded. Petitions for a second degree are referred to the Assistant Vice President for Graduate & Extended Learning by the Department Chair of the discipline in which the second degree is proposed.

The following regulations apply:

1. The plan of study of the second degree must be substantially different from the plan of study of the first degree so as to constitute, in the judgment of the faculties concerned, a new discipline.
2. At least two-thirds of the credits of the second degree, or a minimum of 24 credits, whichever is greater, must be credits that were not included in the first degree.
3. All relevant degree requirements, including residency requirements, must be satisfied for both degrees.

In addition, we have three approved concurrent programs:

- The MAT in Biology and the MA in Biology (This program has been temporarily placed on hold.)
- The MAT in English and the MA in English
- The MAT in Mathematics and the MA in Mathematics (This program has been temporarily placed on hold.)

**Fieldwork/Selected Topics Courses**

**Fieldwork**

Fieldwork courses are approved experiences offered by individual academic departments to enable students to enrich their academic program with applied work in their field of study. Fieldwork courses may be offered by any department. Permission of the instructor, the chair, and the Dean of the faculty offering the course are required to enroll in a fieldwork course. The Fieldwork request form may be downloaded...
from the Registrar’s website at: http://www.newpaltz.edu/registrar/forms.html.

Selected Topics Course
Selected topics courses (xxx593 or xxx793) are regularly scheduled courses that focus on a particular subject. They may be offered by any department. Descriptions of selected topics courses are printed in the Schedule of Classes (http://www.newpaltz.edu/classes) each semester.

Independent Study
The primary purpose of an independent study is to enable the student to pursue knowledge and understanding in an area not covered by a regularly offered course or to a greater depth than is possible through an existing course. Independent study places the major responsibility for learning directly upon the student, who must have sufficient maturity to identify and resolve a problem through extensive and rigorous research, to search for and to integrate information from a variety of sources, to interpret the data, and to express clearly the meaning of the whole. It is essentially a tutorial course involving close and frequent contact between the student and an instructor.

Because an independent study presupposes a serious interest on the part of the student to study and to research a particular problem or area, it is expected that the instructor and student will devote sufficient time to consider the project in advance to ensure that it is both worthwhile and feasible.

Any single independent study may be offered for 1, 2, 3 or 4 semester credit hours. Students may take no more than 20% of the total graduate credits per degree as independent study. All independent study requests must be approved in advance by the instructor, the advisor, the department chair and the Dean of the Faculty. The Independent Study request form may be downloaded from the Registrar’s website at: http://www.newpaltz.edu/registrar/forms.html

*Revision in calculating the maximum credits that a graduate student may complete was changed from 6 credits to 20% of the total credits required to earn a degree in Fall. 2018.

Non-Degree Students
The non-matriculated graduate student status includes students who have already been awarded a Bachelor’s or higher degree and wish to enroll in additional coursework without matriculating into a program. Students are required to provide an unofficial copy of their most recent transcript. Non-degree students are ineligible for financial aid.

Types
- Students fulfilling pre-requisites for admission to a graduate program
  These students have already received their Bachelor’s degree and are taking additional course work in preparation for applying to a graduate program. Students in this category should register for classes under advisement.
- Students fulfilling teaching certification requirements
  These students are taking additional undergraduate coursework to fulfill NYS teaching certification requirements.
- Students who do not intend to enroll in a graduate program
  These students wish to remain non-degree seeking students enrolling in course work for personal fulfillment.

Registration
Non-matriculated graduate students are restricted to enrolling in (6 to 9) credits without applying to a degree program.

To register as a non-degree student, please complete, sign and submit a Non-Degree Application (http://www.newpaltz.edu/media/the-graduate-school/forms/Non-Degree%20Application%2016-17.pdf), payment (http://www.newpaltz.edu/media/the-graduate-school/forms/Non-Degree%20Application%20Fee%20Payment%20Form%2016-17.pdf), unofficial transcript and, if applicable, any written permission for restrictions on a course to Alana Matuszewski in Graduate & Extended Learning, by email: matuszea@newpaltz.edu or by fax 845-257-3284. Credit card payment must be mailed or faxed to 845-257-3284.

Due to the non-matriculated status, students may need to obtain permission before enrolling in certain courses. To check a course’s prerequisites on the schedule of classes (http://www.newpaltz.edu/classes), click on the CRN or course title to view detailed course information including its description, prerequisites, restrictions, and length of course.

Once you have obtained permission to register for classes, send us the completed application forms. A non-degree record will be created and your registration will be sent to Records and Registration for processing. Thereafter, you will receive an email confirmation when registration is complete.

Payment
There is a non-refundable $25 application processing fee. Payment can be made by check, money order or credit card. Please complete the payment form (http://www.newpaltz.edu/media/the-graduate-school/forms/Non-Degree%20Application%20Fee%20Payment%20Form%2017-18-1.pdf) and fax to Graduate & Extended Learning (845)257-3284 or mail to:

SUNY New Paltz
Graduate & Extended Learning
800 Hawk Drive OM 125
New Paltz, NY 12561

Health Forms
All students must provide proof of immunization for mumps, measles, and rubella (MMR) and submit the meningitis information response form. For more information regarding our immunization requirements, the meningitis law, and to download the appropriate forms, please visit the Student Health Center’s website (http://www.newpaltz.edu/healthcenter/privacy.html).

Transfer Credit
All course work completed while in a non-matriculated status is considered transfer credit. As such, should the student apply and be accepted for matriculation to a graduate program, only 6-9 graduate credits may be transferred upon approval of the advisor and Assistant Vice President of Graduate & Extended Learning.

Parking
All students planning to use the parking facilities must obtain a parking hang-tag from the Parking Office in Haggerty Administration Building, Room 35. Parking permit applications may be downloaded from their website (http://www.newpaltz.edu/parking).
Residence and Transfer Credit Policy

Residence credit is defined as credit earned in courses offered by New Paltz full-time or adjunct professors. Twenty-four semester hours of graduate study normally constitute the minimum residence credit requirement for graduate degrees.

A matriculated graduate student may transfer up to nine* (9) credits if:

- The course was taken at the graduate level at an accredited institution.
- A grade of B or better was earned in the course.
- The course may be no older than seven years.
- Graduate credits taken while an undergraduate may be transferred if the credits were not used to fulfill undergraduate degree requirements.

For transfer credits to be posted to the New Paltz transcript, these conditions must be met. The Office of Graduate & Extended Learning requires an official copy of the transcript, the course must be listed on an approved Plan of Study (or amended Plan of Study) and a New Paltz equivalent course must be assigned by the department. The Graduate Credit Transfer Request form may be downloaded from our website at: http://www.newpaltz.edu/graduate/forms.html

Graduate Credits Taken While An Undergraduate At New Paltz, But Not Required For The Undergraduate Degree

On the recommendation of the department and with the approval of the Assistant Vice President for Graduate & Extended Learning, up to nine* (9) transfer credits may be applied to the degree providing that the course adheres to the conditions noted above.

* Some departments may accept fewer than nine (9) credits in transfer.

Time Limit for Completion of Degree

All requirements for a graduate degree, including transfer credits, must be met within seven years of the completion date of the first course listed on the plan of study. After that date, students’ matriculation status may be cancelled. Some programs may specify a shorter period.

If the time limit expires, students must submit a Request for Extension of Time to their program coordinator or department chair with a projected completion date. If the department recommends approval, the coordinator sends this request to the Assistant Vice President for Graduate & Extended Learning for consideration. The Request for Extension of Time form may be downloaded from our website at: http://www.newpaltz.edu/graduate/forms.html

NOTE: Students are expected to consult college publications to determine deadlines for various procedures related to their academic programs. These include course withdrawals, graduation notification, registration, and payments.

Audit Privileges

Some academic courses may be audited. Registered students at the State University of New York at New Paltz may audit courses without paying a registration fee. For all others, a registration fee of $254.00 ($50.00 Audit fee, $204.00 Technology fee) will be charged. This fee is non-refundable after the first week of classes (see academic calendar for exact dates). Persons who would like to audit a course must obtain an Audit Form from Records and Registration or download it from their website: http://www.newpaltz.edu/registrar/forms.html.

The completed form must have the signatures of:

- The course instructor
- The chair of the department offering the course
- Professional staff member of Academic Computing (Humanities 103)

Persons 60 Years Of Age Or Older:

Persons over the age of 60 or older will be exempt from all fees except course fees associated with a few specialty courses that cover cost of materials, travel, and so forth.

Forms must be submitted to Records & Registration (Wooster Hall 115) with the proper signatures.

The audit privilege permits the auditor to attend a course, providing there is room in the course and the necessary approvals have been granted, and to do assignments, but it does not permit the auditor to take examinations in the course or to have his or her work evaluated in any other way. The auditor receives a “grade” of AU for the course, and no credits are earned.

Students may not change their enrollment status from audit to credit, or from credit to audit.

Audit privileges are not available in studio, laboratory, performance courses, or courses where class participation of students is of major importance, nor are they available in credit-free courses offered by the institution or in any foreign study program or course. Online courses cannot be audited.

Culminating Assessments

The requirements for a master’s degree may include at least one of the following: passing a comprehensive exam, writing a thesis based on independent research, giving an oral defense of the thesis, or completing an appropriate special project or internship.

Comprehensive Examinations

Comprehensive exams or another form of culminating assessment is required for most graduate programs. Students should consult their advisor or department chair regarding the details of specific programmatic assessments. Students who fail their comprehensive examination may petition the department for permission to take it a second time. The petitioner must outline what additional study is planned for the second time. The petitioner must outline what additional study is planned for the second attempt. In some cases, students may not repeat the examination earlier than one calendar year after the first attempt. Failure of the examination on the second attempt results in forfeiture of matriculation.

Thesis

Theses are required for some masters’ programs. After approval by the thesis committee and the department chair, all theses are submitted to the Library for binding and/or for cataloging. Only after the Library accepts the thesis and provides the student with the necessary acceptance letter for the Registrar’s Office may the degree be granted. There is a $25 binding fee for M.A. and M.S. theses and a $10 fee for M.F.A. theses, which become part of the permanent collection and do not circulate. The procedure must be completed before awarding of
Basic Requirements for Theses

1. **Thesis Basics**
   a. A thesis is generally intended to be a capstone experience for graduate students.
   b. Theses involving the participation of or the collection of data from or about human subjects require prospective review and approval by the Human Research Ethics Review Board (HREB) prior to recruitment of or interaction with human subjects. An application must be submitted to the HREB in a time frame that allows adequate time for review and approval prior to the anticipated start of the research project.
   c. Each program must develop its own written thesis guidelines, which should disseminate to students and faculty in a systematic and clear way. These guidelines must be reviewed by the Graduate Council and should be consistent with the basic requirements described below.
   d. Graduate programs can:
      i. Require a thesis of all students
      ii. Make a thesis optional for all students
      iii. Not offer a thesis

2. **Thesis Credits and Registration**
   a. The Office of Graduate & Extended Learning permits theses of 3 or 6 credits.
   b. Each program determines which of these credit options are available to its students.
   c. Each program must have a clear procedure that indicates when a student is eligible to register for a thesis. Further, programs must differentiate requirements for completing thesis course requirements from requirements for completing the thesis itself.

3. **Thesis Advising**
   b. Each program must clearly inform students how to solicit and select a thesis advisor.
   c. In some programs, advisors may be assigned to students. In others, students may solicit advisors.
   d. If a student encounters difficulty obtaining a thesis advisor, the department chair and program/graduate coordinator must work with the student to resolve the issue.

4. **Thesis Committees and Oral Defenses**
   a. The incorporation of thesis committees and oral defenses of thesis are up to individual programs.
   b. The composition of a thesis committee (if any) and the planning, meeting, and review/defense schedules pertaining to the thesis are at the discretion of individual programs. Details must be communicated in writing, in a timely fashion, to the student, the advisor, the department chair, and filed with the Assistant Vice President for Graduate & Extended Learning.

5. **Thesis Grading**
   a. Theses are graded using traditional A-F letter grades.
   b. Thesis advisors assign thesis grades, though it is expected that in doing so they will listen to the input of the thesis committee (in programs where there is one).

6. **Thesis Credits**
   a. Students can register for 3 or 6 credits of thesis at a time; for a 6-credit thesis, students may divide their credits into 3 or 6 credits per term, as necessary.
   b. Thesis credits are graded on an “A-F” basis.
   c. The “H” grade is assigned when the student is making good progress on the thesis, but is not finished within the semester the credits were taken.
   d. Students with an “H” grade who are not taking any other classes must register for 1-credit of Continued Registration for every fall and spring semester that follows until the thesis is completed. If the student is working on the thesis during a summer session, the student must register for the 1-credit Continued Registration for that summer session, as well.

7. **Thesis Completion Deadline**
   a. Students have until their degree deadline to complete their theses.
   b. Students are urged to work with their advisors to devise a schedule that allows them to complete theses in a reasonable time period. Though individual situations vary, it is anticipated that in most cases theses will not take more than one academic year to complete.

8. **Thesis Submission and Storage**
   a. Theses must be submitted to the library in accordance with its submission standards. It is the student’s responsibility to submit the thesis with original signature page prior to graduation.
   b. Programs should keep their own copies of student theses, or at least have online access to them once the library switches over to electronic thesis submission.
   c. Students and advisers must ensure that any “H” grades are changed to a credit-bearing letter grade; until this is done, the student cannot graduate.

**Continued Registration**

Continued Registration credit is designed for students enrolled in thesis or taking the comprehensive exam. This one-credit registration provides graduate students full access to campus resources including library privileges, email, faculty support, and access to student labs. Students are encouraged to speak with their advisor for further information. [A revised version of this policy will take effect in Fall 2019. For more information, please see Continuous Registration](http://catalog.newpaltz.edu/graduate/graduate-academic-policies-handbook/academic-policies-procedures/continuous_registration).

**Continued Registration for Non-Completers of Comprehensive Exams**

Students register for the Comprehensive Exam by enrolling in Comprehensive Exam Preparation (xxx599).

1. **Comprehensive Exam Preparation** (xxx599) is a zero-credit (no fee) course open to students in their final semester of course work, or the semester immediately following the completion of coursework. This course may only be taken once. Students may take Comprehensive Exam Preparation once only.

2. Students who have registered for Comprehensive Exam Preparation (xxx599) and have failed to complete the comprehensive exam at the end of the semester must register and pay for one credit of Continued Registration (xxx799) each subsequent semester until they pass the comprehensive exam.
3. Students must pass the comprehensive exam within the time limit allowed for earning their degree. Requests for extensions of time must be made through petition to the Assistant Vice President for Graduate & Extended Learning.

Continued Registration for Thesis Work
The "H" grade is assigned when the student is making good progress on the thesis, but is not finished within the semester the credits were taken.

1. Students with an "H" grade who are not taking any other classes must register and pay for one credit of **Continued Registration** (xxx799) for every fall and spring semester that follows until the thesis is completed.
2. If the student is working on the thesis during a summer session, the student must register for and pay for one credit **Continued Registration** (xxx799) for that summer session as well.
3. Students must complete their thesis within the time limit allowed for earning their degree. Requests for extensions of time must be made through petition to the Assistant Vice President for Graduate & Extended Learning.

Admission Requirements and Procedures
SUNY New Paltz offers more than 50 graduate programs of study interspersed amongst its five schools: the School of Education, the College of Liberal Arts and Sciences, the School of Fine and Performing Arts, the School of Science and Engineering and the School of Business. Admission to graduate study is based on the applicant's academic and professional qualifications regardless to gender, race, color, age, disability, creed, or ethnic origin. The basic requirements for admission are: a baccalaureate degree from an accredited institution and a minimum cumulative undergraduate grade-point average of 3.00 on a 4.00 scale. There is a non-refundable application fee of $60.

Before submitting your application, please contact our Recruiter and Advisor ([http://www.newpaltz.edu/graduate/staff](http://www.newpaltz.edu/graduate/staff)) with any questions regarding the application process, or if you would like to schedule an advising session. If you are ready to apply, please click here to **APPLY NOW** ([http://www.newpaltz.edu/graduate/admissions/admissions-overview](http://www.newpaltz.edu/graduate/admissions/admissions-overview))!

Application Instructions
Our online application system allows students to manage their application process. Review the steps below for a quick overview of the process.

1. **PREPARE ADMISSION CHECKLIST ITEMS**
   To expedite a faculty review of an application, students may upload the following items:
   - Admission Essay
   - Student copies of transcripts* from every college/university attended
   - Student copies of standardized test scores*
   - Request letters of recommendation—after submitting the application, students will need to provide their recommender's name and email address in order to complete the request process.
   - Evidence of NYS teaching certification (if appropriate)
   - Art portfolio (if appropriate)
   - International student documentation
   - Resume/CV (if appropriate)
   - Program specific forms (e.g., Com Dis pre-req form, etc.)
   - Full admission **REQUIRES** the submission of official transcripts and test scores.

2. **CREATE AN ACCOUNT**
   a. SUNY New Paltz students, alumni, faculty and staff must log into the application system using their New Paltz credentials (NPCUID).
   b. **NEW** students may create an account by selecting the New User option and verifying their email address.
   c. **RETURNING** users may access the application system using their email address and password that was included when creating their account.

3. **SUBMIT YOUR APPLICATION**
   • Once you have logged into the system, select the term that you would like to begin your program.
   **NOTE:** Certain programs restrict admission to a specific term. Please email gradstudies@newpaltz.edu (gradschool@newpaltz.edu) if you do not see the program that you would like to pursue.

4. **CHECK YOUR APPLICATION STATUS**
   • Log in as a Returning User ([https://www3.newpaltz.edu/gradschool/admissions/account/log-in](https://www3.newpaltz.edu/gradschool/admissions/account/log-in)) to modify your application or monitor its status.

5. **Order OFFICIAL transcripts and test scores be sent to:**
   • SUNY New Paltz
   Graduate & Extended Learning
   800 Hawk Drive
   New Paltz, NY 12561-2442

Ready to Apply?

**ONLINE APPLICATION CALENDAR**
Online applications will be accepted according to the following schedule below.

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Admission Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 1 - May 15</td>
<td>Fall/Summer Admission</td>
</tr>
<tr>
<td>August 1 - November 15</td>
<td>Spring Admission</td>
</tr>
</tbody>
</table>

**PAYMENT**
The online application requires a **non-refundable** payment of the $60 application fee by VISA, MasterCard or electronic check. An application review will not be conducted without the submission of the application fee.

**QUESTIONS**
Please contact us with questions via email gradstudies@newpaltz.edu (gradschool@newpaltz.edu) or via phone 845-257-3285.

**International Students**

**Official Transcripts**
International students should be prepared to submit a translation and evaluation of their transcript, if requested by The Office of Graduate & Extended Learning. We accept translations and evaluations by members of the National Association of Credential Evaluation Services ([www.naces.org](http://www.naces.org)) such as the World Education...
Services or Educational Credential Evaluators, Inc. Indian applicants are required to submit individual mark sheets of their academic course work. We do not accept consolidated reports.

**English Language Proficiency Requirements**

Prospective international students for whom English is not the native language, and any applicant whose undergraduate degree is from a country where English is not the main language of instruction are required to demonstrate English Language Proficiency. Review the chart below for methods of demonstrating language proficiency. **NOTE:** Individual departments may require a score higher than the minimum acceptable score, so students should consult their departments.

### Demonstrating Language Proficiency

<table>
<thead>
<tr>
<th>Satisfactory Demonstration of Language Proficiency</th>
<th>English Language Deficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demonstration of English Proficiency may be demonstrated by providing evidence of meeting one of these criteria:</td>
<td>In the event that you cannot demonstrate English Language Proficiency and you are offered admission, you will be required to sit for a placement exam upon arrival at SUNY New Paltz. The exam may include:</td>
</tr>
<tr>
<td>• An official score of 80* on the TOEFL iBT, 85 for MA English, or an 90 if your major is Second Language Education (TESOL). *Computer Science and Engineering applicants must provide a minimum of 74 on the iBT.</td>
<td>• A test of grammar, reading and listening comprehension,</td>
</tr>
<tr>
<td>• An official score of a 6.5* on the IELTS, or a 7.0 if your major is Second Language Education (TESOL). * Computer Science and Engineering applicants must provide a minimum score of 6.0</td>
<td>• a writing sample.</td>
</tr>
<tr>
<td>• An official score of 53* on the PTE Academic, 57 for MA English applicants, or 61 for Second Language Education (TESOL) applicants. *Computer Science and Engineering applicants must provide a minimum score of 50 on the PTE.</td>
<td>Based upon your performance on the exam, you may be required to register for additional English language instruction. All students must demonstrate the required level of English proficiency before being allowed to begin graduate coursework.</td>
</tr>
<tr>
<td>• A passing score on a proficiency test upon arrival on campus. (Only given to students who have been offered Conditional Admission.)</td>
<td>If you need additional information, please contact Haggerty English Language Program at (845) 257-3955</td>
</tr>
</tbody>
</table>

• A Certificate of English Language Proficiency from the Haggerty English Language Program at SUNY New Paltz.

• Official transcripts indicating a college degree from a U.S. institution. If the degree was earned more than three years prior to submission of a graduate application, then the student must provide acceptable TOEFL, IELTS, or PTE scores.

Contact the Center for International Programs via e-mail (international@newpaltz.edu (international@newpaltz.edu) ) for information financial documentation, the I-20 process, international student orientation, housing, advisement and registration.

### Admission FAQs

**How do I apply?**

Our online application system allows students the ability to manage their application process. Review our Admissions Overview (http://www.newpaltz.edu/graduate/admissions/admissions-overview) for directions on applying to a graduate program.

**Where do I find application deadlines?**

Online applications may be submitted between Dec. 1 and May 15 for Fall/Summer admission and Aug. 1 and Nov. 15 for Spring admission. Many departments have specified deadlines for admission or may only accept students once per year. Review the Programs (http://www.newpaltz.edu/graduate/programs) page for your program’s specific application deadline.

**Does SUNY New Paltz require standardized test scores for admission?**

Certain programs require satisfactory scores on the MAT, GRE or GMAT exam for admission. Refer to the Programs (http://www.newpaltz.edu/graduate/programs) page for your program’s specific exam requirements. Additionally, international students are required to submit satisfactory TOEFL, IELTS or PTE Academic exams scores for full admission. Refer to the International Graduate Student (http://www.newpaltz.edu/graduate/students/international) page for more information.

**Where can I find a description of the checklist items that I need to upload?**

When reviewing your checklist, click on the item name and a description will appear in a pop-up box. If you have difficulty finding descriptions or need more information, please email us at gradstudies@newpaltz.edu (gradschool@newpaltz.edu).

**I have completed the online application and uploaded all of my admission checklist items. Am I done?**

No. Full admission requires applicants to submit OFFICIAL transcripts and test scores to:

- SUNY New Paltz
- Graduate & Extended Learning
- 800 Hawk Drive
Full-Time Status Defined

Full-time status for matriculated graduate students is not set by the Office of Graduate & Extended Learning. The full-time classification may be met in different ways depending upon the reason a student is seeking this classification.

For Financial Aid Eligibility

Full-time status is defined as being registered for 12 or more credits. The total number of credits regardless of level is used when determining whether a student is full-time. Therefore, a matriculated graduate student may take a mixture of undergraduate and graduate courses and still be considered full-time if he/she is registered for at least 12 credits.

For Matriculated Students

The College will consider the following categories as full-time enrollment:

- Student is registered for at least 12 credits per semester.
- Full-time GSEU TAs & GAs working 20-hours/week and registered for at least 6 credits per semester.
- Half-time GSEU TAs & GAs working 10-hours/week and registered for at least 9 credits per semester.
- Student has completed all coursework and is registered for a grade thesis and one credit of continued registration in the current semester.
- Domestic student has completed all coursework and is registered for a zero credit comprehensive exam workshop.
- Student is taking 6 credits per summer session.

NOTE: Although the College may consider these students full-time working toward a degree, they may not meet Financial Aid’s eligibility requirements for full-time status. Check with Financial Aid about this matter.

For International Students

The Center for International Programs will consider the following categories as full-time for SEVIS:

- Computer Science and Electrical Engineering majors who are registered for at least 9 credits per semester.
- All other graduate majors who are registered for at least 12 credits per semester.
- Full-time GSEU TAs and GAs who are working 20-hours/week and registered for at least 6 credits per semester.
- Half-time GSEU TAs and GAs who are working 10-hours/week and registered for at least 9 credits per semester.

Graduate Opportunity Tuition Waiver Program (GOPW)

To be eligible for the Graduate Opportunity Program Tuition Waiver (GOPW) program, the College considers a graduate student who is registered for at least 9 graduate credits per semester full-time. However, these students are not considered full-time for financial aid eligibility.

Financial Aid

Fall and Spring Office Hours

Monday through Friday 8:30am-5:00pm

Mailing Address

Office of Financial Aid

New Paltz, NY 12561-2442
200 Hawk Drive
New Paltz, NY 12561-2437

Campus Location
Wooster Hall 124
Phone: 845-257-3250
Fax: 845-257-3568
Email: fao@newpaltz.edu

How to Apply
Students must file the Free Application for Federal Student Aid (FAFSA) each year as soon as possible after January 1. Although parents’ information may be required, it is the student’s responsibility to complete all application requirements for all aid programs. NOTE: Students must be sure to indicate “SUNY-College at New Paltz” in the college release section of the FAFSA, code # 002846.

The FAFSA is the form used to apply for Federal Pell Grants, Federal Stafford Loans, and the three “Campus-Based” programs. They are Federal Supplemental Educational Opportunity Grants, Federal Perkins Loan, and Federal College Work Study Program. For more graduate student information, access the financial aid website at: http://www.newpaltz.edu/financialaid/graduate.html

Graduate Students
Financial aid is available to matriculated graduate students who are enrolled at least half time. Graduate students usually receive Stafford loans. Alternative loans are available as well.

Student Employment
The College also offers part-time employment to students enrolled at the College. There are no income requirements; however, to be considered you should visit the Financial Aid Office for an information packet. Temporary service information is also available on the college website.

New Paltz Time Payment Plan
The New Paltz Time Payment Plan allows you to make equal monthly payments toward the cost of tuition, fees, and on-campus room and board. By utilizing the Time Payment Plan, you and your family can incorporate the cost of college into the family budget for up to five months. This is not a loan. There is no interest charged. There are no hidden costs. Just add the $30.00 application fee to your first installment. Even if you are receiving scholarships or some financial aid, you may enroll in the Time Payment Plan. It is an easy way to pay the balance of your bill NOT covered by aid or other resources. As long as the amount due from you exceeds $500 for the semester we will accept a Time Payment Plan for the balance. Enroll online at my.newpaltz.edu (https://login.newpaltz.edu/cas/login?service=https%3A%2F%2Fmy.newpaltz.edu%2F).

Additional Graduate Funding
To review any of the following funding opportunities in detail, please visit http://www.newpaltz.edu/graduate/funding

Diversity Fellowships

GOPW Tuition Waiver Program (GOPW)
The GOPW program provides a tuition waiver for former EOP/HEOP/SEEK students. The tuition waiver covers up to 9 credits of graduate tuition plus the college fee for each semester that the student is eligible for the award. To maintain eligibility, students must maintain a minimum 3.0 GPA and enroll in at least 9 graduate credits each term.

Sojourner Truth Diversity Fellowship (STF)
(SUNY Graduate Diversity Fellowship)
The Sojourner Truth Diversity Fellowship is open to applicants from all majors holding at least a 3.0 undergraduate GPA in pursuit of their initial master’s degree, a US citizen or permanent resident, matriculated in a graduate program at New Paltz; and adequately meeting the diversity criteria set forth within the application.

Scholarships by Discipline

Master in Business Administration (MBA) Scholarship
To recognize academic excellence and to prepare future administrators and public accountants, the State University of New York at New Paltz offers a limited number of scholarships to highly qualified applicants. Consideration will also be given to financial need.

MFA Ceramics Scholarship
The ANDRAH Merit Scholarship is a $10,000 tuition waiver designed to recognize the exceptional talent of an incoming MFA student in Ceramics. It is available to one student on a competitive basis each year.

MFA Scholarship
In an effort to encourage a diverse population of graduate students, SUNY New Paltz offers a one-year out-of-state tuition waiver to all incoming MFA students who are not residents of New York State. This allows non-resident students to pay regular in-state tuition rates, saving approximately $9,800 a year. MFA students must seek and be granted New York State residency during their first year to continue to receive the in-state tuition rate. This program is available to international students who are not US citizens and enrolled in one of our MFA programs for two years without applying for New York State residency. See Tuition & Fees Chart for rate.

MS Engineering Fellowship
This fellowship opportunity is designed to recognize academic excellence of incoming students matriculated in our MS in Electrical Engineering program. Students receive a 3-credit tuition waiver in exchange for 10 hours of research assistance per week. It is available to fifteen students on a competitive basis.

Research Funding
Graduate Student Research and Creative Projects Award (RCPA)
The RCPA is an internal grant program for matriculated graduate students. The purpose of the program is to support and encourage
research and creative projects that enhance the graduate students’ professional development as they pursue their master’s degree or Certificate of Advanced Study. All matriculated graduate students in good standing (cumulative GPA of 3.0 or higher) are eligible to apply for this grant. The maximum award is $400 per annum. The RCPA offers funding for projects that occur during the Fall semester and for projects that occur during the Spring and/or Summer semesters. Applications will be collected according to the following schedule:

- The deadline for Fall applications is October 1.
- The deadline for Spring/Summer applications is March 1.

**Assistantships**

**All-University Teaching Assistant/ Graduate Assistant Program (TA/GA)**

Assistantships are available to matriculated graduate students in good academic standing and who are making good progress toward the degree. The procedure for application for an assistantship, including the selection criteria, are established by deans and academic departments, and publicized by individual departments. Criteria for the award of an assistantship may include, but are not limited to: undergraduate grade-point average, standardized test scores, past experience or training, interest in the field of study, letters of recommendation, or personal interview.

The following departments offer assistantships during the academic year: Admissions, Art, Art Education, Business, Center for International Programs, Communication Disorders, Communications and Marketing, Computer Science, English, The Graduate School, Psychology, Samuel Dorsky Museum, and Student Activities and Union Services. Students interested in pursuing an assistantship should inquire at the department for specific application procedures. For more information, review the TA/GA tab of our funding page: www.newpaltz.edu/graduate/funding (http://catalog.newpaltz.edu/graduate/graduate-academic-policies-handbook/financial-aid/additional-graduate-funding/www.newpaltz.edu/graduate/funding)

**Rights and Responsibilities**

- Depending on the type of aid received, students must meet the following general requirements to continue their eligibility. Specific program requirements are outlined in the applications.
- Meet satisfactory progress guidelines.
- Be in good academic standing.
- Not be in default of any prior student loan.
- File application(s) annually.
- Notify the Financial Aid Office, bank or lending institution or any agency that offers any type of aid of any change in enrollment status, financial circumstances, change of address or any other information as required by the aid program.
- Not be in default on any loan offered by the College.
- Not owe a repayment on any awards paid.

**Standard of Satisfactory Academic Progress**

**Only for the Purpose of Determining Eligibility for Student Aid**

**Semester Calendar - All Graduate-Level Programs**

<table>
<thead>
<tr>
<th>Before being certified for this payment</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>A student must have accrued at least this many credits</td>
<td>0</td>
<td>6</td>
<td>12</td>
<td>21</td>
<td>30</td>
<td>45</td>
<td>60</td>
<td>70</td>
</tr>
</tbody>
</table>

With at least this grade point average:

- 2.0
- 2.5
- 2.75
- 3.0
- 3.0
- 3.0
- 3.0
GRADUATE PROGRAMS

Become A Teacher
It’s never too late to become an educator. SUNY New Paltz offers two pathways for non-certified students who have bachelors’ degrees in an approved academic discipline and who wish to earn a NYS teaching credential.

- MST in Childhood Education 1-6 (p. 30)
- MST in Childhood Education 1-6 and Early Childhood Education B-2 (p. 31)
- MAT - Master of Arts in Teaching (p. 32)

Diversify Your Teaching Portfolio
Expand your areas of expertise by adding a new certification to your teaching portfolio.

- MSEd Childhood 1-6 - Early Childhood Specialization (p. 34)
- MSEd Childhood 1-6 - Reading/Literacy Specialization (p. 35)
- MSEd Childhood 1-6 - STEM Specialization (p. 36)
- MSEd Adolescence Education (7-12) (http://catalog.newpaltz.edu/graduate/education/secondary-education/mse-d-adolescence-education-7-12/#overviewtext)
- MSEd Literacy Education (B-6 and 5-12) (p. 37)
  - MSEd in Literacy Education 5-12 and Certification in Adolescence Special Education (p. 37)
  - MSEd in Literacy Education B-6 (p. 37)
  - MSEd in Literacy Education Grades 5-12 (p. 38)
  - MSEd in Literacy Education with Certification in Literacy B-6 & Childhood Special Education 1-6 (p. 39)
- MSEd Second Language Ed (TESOL) (p. 39)
- MSEd Special Education (p. 39)
  - MSEd in Adolescence Special Education (Grades 7-12) with Certification in Literacy Education (5-12) (p. 44)
  - MSEd in Childhood Special Education (Grades 1-6) with Certification in Literacy Education (B-6) (p. 45)
  - MSEd in Special Education - Adolescence Special Education (Grades 7-12) (p. 46)
  - MSEd in Special Education - Childhood Special Education (Grades 1-6) (p. 47)
  - MSEd in Special Education - Early Childhood Special Education (Birth-Grade 2) (p. 48)
- MPS in Humanistic/Multicultural Ed (http://catalog.newpaltz.edu/graduate/education/educational-studies/mps-humanistic-multicultural-education)

Advance Your Teaching Career
Already have a master’s degree? Enhance your marketability with one of our Advanced Certificates.

- CAS School Leadership (p. 49)
- Adv Cert Multicultural Education (p. 50)
- Adv Cert TESOL (http://catalog.newpaltz.edu/graduate/education/second-language-education/advanced-certificate-tesol/#text)

Broader Your Opportunities
Three ways to engage in English

- MA in English (p. 51)
- MA/MAT in English (p. 52)
- BA/MA in English (p. 52)

Become a Counselor, Speech Pathologist, Music Therapist or Researcher

- MS in Clinical Mental Health Counseling (p. 54)
- MS in School Counseling (p. 55)
- Adv Cert in Mental Health Counseling (p. 57)
- Adv Cert in Trauma and Disaster Mental Health (p. 58)
- MS in Communication Disorders (p. 59)
  - MS in Communication Disorders - Speech and Language Disabilities Concentration (p. 63)
  - MS in Communication Disorders - Speech-Language Pathology Concentration (p. 65)
- MS in Music Therapy (p. 66)
- Master of Science in Music Therapy (p. 69)
- MS in Psychological Science (p. 70)

Succeed in Business, Engineering or Computer Science

- MBA in Business Administration (p. 71)
- MBA in Public Accountancy (p. 72)
- MS in Electrical Engineering (p. 72)
- BS/MS in Electrical Engineering (p. 73)
- BS Computer Engineering/MS Electrical Engineering (p. 73)
- MS in Computer Science (p. 74)

Establish a Professionally Sustainable Art Practice

- MFA in Studio Art (p. 75)
- MFA in Art (p. 86)
- MSEd Visuals Art Education (p. 87)
  - MSEd in Visual Arts Education (p. 88)

Bachelor’s + Master’s Degree in 5 Years

- BA/MA English (p. 52)
- BA in Chemistry + MAT in Adolescence Ed: Chemistry (p. 90)
- BA in Geology + MAT in Adolescence Ed: Earth Science (p. 91)
- BS/MS in Electrical Engineering (p. 73)
- BS Computer Engineering/MS Electrical Engineering (p. 73)
BECOME A TEACHER

It’s never too late to become an educator. SUNY New Paltz offers two pathways for non-certified students who have bachelor’s degrees in an approved academic discipline and who wish to earn a NYS teaching credential.

Childhood & Early Childhood Education
MST Childhood Education (grades 1-6) (p. 30)
MST Childhood & Early Childhood Education (Birth - grade 6) (p. 31)

Adolescence Education
MAT Adolescence Education (grades 7-12) (p. 32)
Specialize in: Biology, Chemistry, Earth Science, English, Mathematics, or Social Studies

Language Education
MSEd Second Language Education (TESOL) (all-grades) (p. 39)

MST in Childhood Education 1-6

Childhood Education 1-6 (020C)
Nataly Chesky, Coordinator; (845) 257-2872
cheskyn@newpaltz.edu

The School of Education offers students holding a baccalaureate degree an opportunity to earn a Master of Science in Teaching (MST) degree leading to NYS initial/professional certification in Childhood Education (1-6). The typical candidate for the MST degree will hold a baccalaureate degree in one of the liberal arts or sciences from an accredited college and will have a background in history, a foreign language, mathematics, English and science.

The program includes instruction in educational studies, developmentally appropriate practices, content pedagogy, research, and one semester of full-time student teaching. It can be completed in four semesters. Professional certification requires three years of successful teaching experience at the 1-6 grade level.

1 Acceptable Liberal Arts or Science Majors: Currently at SUNY New Paltz, teachable liberal arts or science majors registered with New York State are: art history, biology, black studies, English, French, geography, geology (earth science), history, mathematics, political science, and Spanish.

Admission Requirements
Candidates for admission to program need to:

• Hold a baccalaureate degree in an approved liberal arts or science area from a regionally accredited institution;
• Have earned an undergraduate grade point average of 3.0 or higher;
• Have completed:
  • six college credits of history including American History
  • six college credits or the equivalent in a foreign language
  • six credits of mathematics at the College Algebra level with a grade of “B” or better
  • six credits of English Composition with a grade of “B” or better
  • one laboratory science course, or two 3 credit science courses
• Complete an admission application available from www.newpaltz.edu/graduate/forms.html and provide one official transcript of all college/university course work;
• Submit two appropriate letters of recommendation on professional letterhead, no older than one year, from individuals who can attest to the candidate’s ability to do graduate work and/or to work with children;
• Earn a satisfactory score on the Miller Analogies Test or the Graduate Record Examination.

Requirements for Completion of the Degree
Candidates are required to:

• Develop a plan of study with an advisor upon matriculation;
• Complete prescribed course work and other requirements within five years of matriculation;

Curriculum Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EED565</td>
<td>Teaching in Inclusive Classrooms</td>
<td>3</td>
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<tr>
<td>EED579</td>
<td>Issues in Multicultural Education</td>
<td>3</td>
</tr>
<tr>
<td>EED581</td>
<td>Foundations of Bilingual/Bicultural Education</td>
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<tr>
<td>SED566</td>
<td>Education Across Borders:International Ideas and Experience</td>
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<tr>
<td>EED23</td>
<td>Reading in the Primary Grades</td>
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<td>EED36</td>
<td>Research in Child, Family, School in Grades 3-6</td>
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<tr>
<td>EED528</td>
<td>Literacy and Language Learners</td>
<td></td>
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<tr>
<td>EED537</td>
<td>Issues in Literacy for Diverse Learners</td>
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<tr>
<td>SPE572</td>
<td>Tchg. Learners of Culturally/Linguistically Diverse Backgrounds</td>
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<tr>
<td>EED581</td>
<td>Foundations of Bilingual/Bicultural Education</td>
<td></td>
</tr>
<tr>
<td>EED580</td>
<td>Connecting Mathematics, Science, and Technology in Elementary School</td>
<td>6</td>
</tr>
<tr>
<td>EED579</td>
<td>Integrating Reading, Language Arts and Social Studies in Grades 1-6</td>
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<tr>
<td>EED501</td>
<td>Fieldwork in Early Childhood</td>
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<tr>
<td>EED502</td>
<td>Fieldwork in Math, Science, and Technology</td>
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<tr>
<td>EED503</td>
<td>Fieldwork in Grades 3-6</td>
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<tr>
<td>EED604</td>
<td>Student Teaching Grades B-3</td>
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<tr>
<td>EED605</td>
<td>Student Teaching Grades 4-6</td>
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<tr>
<td>EED606</td>
<td>Student Teaching Seminar</td>
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<td></td>
<td>Total Credits</td>
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</table>
• Maintain a cumulative average of 3.0 or better, with no more than two grades below B-.

Certification Requirements

• Teacher Performance Assessment portfolio (edTPA)
• Content Specialty Test (CST) Multi-Subjects
• EAS (Educating All Students) test
• Completion of Child Abuse (mandated reporting) Seminar
• Completion of SAVE workshop
• Completion of DASA workshop
• Training in Health & Safety Education (EDI 095)
• Fingerprinting

MST in Childhood Education 1-6 and Early Childhood Education B-2

Childhood & Early Childhood Education (020E)
Nataly Chesky, Coordinator, (845) 257-2872
cheskyn@newpaltz.edu

The School of Education offers students holding a baccalaureate degree an opportunity to earn a Master of Science in Teaching degree in Childhood Education (1-6) and Early Childhood Education (B-2) leading to NYS initial/professional certification. The typical candidate for the MST will hold a baccalaureate degree in one of the liberal arts or sciences from an accredited college and will have a background in history, a foreign language, mathematics, English and science.

The program includes instruction in educational studies, developmentally appropriate practices, content pedagogy, research, and one semester of full-time student teaching. It can be completed in four semesters. Professional certification requires three years of successful teaching experience at the B-2/1-6 grade level.

Admission Requirements

• Candidates for admission to program need to:
  • Hold a baccalaureate degree in an approved liberal arts or science area from a regionally accredited institution;[1]
  • Have earned an undergraduate grade point average of 3.0 or higher;
  • Have completed:
    • six college credits of history including American History
    • six college credits or the equivalent in a foreign language
    • six credits of mathematics at the College Algebra level with a grade of “B” or better
    • six credits of English Composition with a grade of "B" or better
    • one laboratory science course, or two 3 credit science courses
  • Complete an admission application available from http://www.newpaltz.edu/graduate/forms.html and provide one official transcript of all college/university course work;
  • Submit two appropriate letters of recommendation on professional letterhead, no older than one year, from individuals who can attest to the candidate’s ability to do graduate work and/or to work with children;
  • Earn a satisfactory score on the Miller Analogies Test or the Graduate Record Examination.

1 Acceptable Liberal Arts or Science Majors: Currently at SUNY New Paltz, teachable liberal arts or science majors registered with New York State are: art history, biology, black studies, English, French, geography, geology (earth science), history, mathematics, political science, and Spanish.

Curriculum Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SPE565</td>
<td>Teaching in Inclusive Classrooms</td>
<td>3</td>
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<tr>
<td>EDS537</td>
<td>Issues in Multicultural Education</td>
<td>3</td>
</tr>
<tr>
<td>EDS581</td>
<td>Issues of Racism and Sexism in Education</td>
<td></td>
</tr>
<tr>
<td>SED566</td>
<td>Education Across Borders: International Ideas and Experience</td>
<td></td>
</tr>
</tbody>
</table>

Elementary Content Core (9 Credits)

| EED523   | Reading in the Primary Grades                     | 3       |
| EED535   | Research in Child, Family, School in Grades B-2   | 3       |
| EED536   | Research in Child, Family, School in Grades 3-6   | 3       |

Literacy and Diversity (3 Credits)

Select one from below:

| EED528   | Literacy and Language Learners                    | 3       |
| EDS549   | Issues in Literacy for Diverse Learners           |         |
| SPE572   | Tchg. Learners of Culturally/Linguistically Diverse Backgrounds | |
| EED581   | Foundations of Bilingual/Bicultural Education     |         |

Education Pedagogy (18 Credits)

Select one from below:

| EED520   | Literacy and Reading Development - Birth - Kindergarten | |
| EED522   | Play: The Foundations of Literacy for Young children (B-K) | |
| EED580   | Connecting Mathematics, Science, and Technology in Elementary School | |
| EED579   | Integrating Reading, Language Arts and Social Studies in Grades 1-6 | |
| EED716   | Science, Math, and Engineering for Young Children  | 3       |

Fieldwork (3 Credits)

| EED501   | Fieldwork in Early Childhood                      | 1       |
| EED502   | Fieldwork in Math, Science, and Technology        | 1       |
| EED503   | Fieldwork in Grades 3-6                           | 1       |

Student Teaching (7 Credits)

| EED604   | Student Teaching Grades B-3                       | 3       |
| EED605   | Student Teaching Grades 4-6                       | 3       |
| EED606   | Student Teaching Seminar                          | 1       |

Total Credits 46

Requirements for Completion of the Degree

Candidates are required to:

• Develop a plan of study with an advisor upon matriculation;
• Complete prescribed course work and other requirements within five years of matriculation;
• Maintain a cumulative average of 3.0 or better, with no more than two grades below B.

**Certification Requirements**

• Teacher Performance Assessment portfolio (edTPA)
• Content Specialty Test (CST) Multi-Subjects
• EAS (Educating All Students) test
• Completion of Child Abuse (mandated reporting) Seminar
• Completion of SAVE workshop
• Completion of DASA workshop
• Training in Health & Safety Education (EDI 095)
• Fingerprinting

**MAT - Master of Arts in Teaching**

**Adolescence Education (grades 7-12)**

**Biology** (101B), **Chemistry** (104B), **Earth Science** (102B), **English** (103B), **Mathematics** (107B), **Social Studies** (109B)

The Master of Arts in Teaching (MAT) is a 39-48 credit program designed specifically for college graduates holding an appropriate liberal arts degree in biology, chemistry, English, French, geology or earth science, history, mathematics, social studies or Spanish who have not had formal background in education and who wish to prepare for a teaching career in adolescence education grades 7-12.

Upon successful completion of the program, candidates will be recommended to the New York State Education Department for Initial/Professional Certification.

* Please note the College will stop accepting admission to French (105B) and Spanish (110B) starting in fall 2019 (http://www.newpaltz.edu/adolescence-education/notice-of-program-suspension).

**Admission Requirements**

Applicants to the Master of Arts in Teaching programs must meet the following criteria:

1. A 3.0 or better GPA in all undergraduate course work
2. A 3.0 or better GPA in an appropriate undergraduate major
3. Acceptable GRE scores.
4. An undergraduate major comparable in breadth, depth and rigor to the New Paltz undergraduate major in the same field
5. Undergraduate course work that includes a broad and rigorous general education component
6. Undergraduate course work that includes 6 credits of a foreign language at a beginning level or 3 credits at an intermediate or advanced level. American Sign Language (ASL) is considered a language other than English.
7. Undergraduate course work that includes two English composition courses or their equivalent, each with a grade of at least B.
8. Applicants specializing in English must submit a 10-15 page academic writing sample.

Each applicant must also provide three current letters of recommendation and write a satisfactory statement indicating the reasons he/she wants to become a teacher.

**Application Deadlines**

<table>
<thead>
<tr>
<th>First Semester (11-17 Credits)</th>
<th>Fall semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 1</td>
<td>October 1</td>
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Applications received after this date will be considered; however, enrollment is not guaranteed.

**Curriculum Requirements**

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<thead>
<tr>
<th>Code</th>
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<th>Credits</th>
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<tr>
<td>SED540</td>
<td>Graduate Foundations of Secondary Education Seminar</td>
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<td>EDS539</td>
<td>Social Foundations of Education</td>
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<td>EDS730</td>
<td>Adolescent Development</td>
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<tr>
<td>XXXXX</td>
<td>Course in Discipline ¹</td>
<td>0-3</td>
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<tr>
<td>XXXXX</td>
<td>Course in Discipline - English &amp; Social Studies only ²</td>
<td>0-3</td>
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<tr>
<td>SED703</td>
<td>Curriculum: Designs for Literacy, Learning, and Assessment in Secondary Schools</td>
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<tr>
<td>SED551</td>
<td>Field Experience I</td>
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<tr>
<td>SED552</td>
<td>Digital Literacies and Learning in Secondary Education</td>
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<td>SEDXXX</td>
<td>Discipline-Specific Methods Course ²</td>
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<tr>
<td>XXXXX</td>
<td>Course in Discipline OR alternative approved by advisor ³</td>
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**Second Semester (14-17 Credits) ¹**

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<td>SPE565</td>
<td>Teaching in Inclusive Classrooms</td>
<td>3</td>
</tr>
<tr>
<td>SED525</td>
<td>Digital Literacies and Learning in Secondary Education</td>
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</tr>
<tr>
<td>SED552</td>
<td>Field Experience II</td>
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</tr>
<tr>
<td>SEDXXX</td>
<td>Discipline-Specific Education Course ²</td>
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**Third Semester: Student Teaching (14 Credits)**

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<th>Title</th>
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<td>SED604</td>
<td>Practicum in Secondary Ed 7-9</td>
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<tr>
<td>SED605</td>
<td>Practicum in Secondary Ed 10-12</td>
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</tr>
<tr>
<td>SED606</td>
<td>Practicum Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

Total Credits: 39-48

¹ The MAT in Science Education comprises 39 credits and does not require graduate-level courses in the discipline. Rather, it incorporates 6 credits of discipline-specific pedagogy coursework. The MAT in French*, Spanish* and Mathematics Education comprises 45 credits and require at least 6 credits of graduate-level coursework in the discipline.

The MAT in English Education and Social Studies Education comprises 48 credits including at least 9 credits of graduate-level coursework in the discipline. * Please note the College will stop accepting admission to the MAT programs in French and Spanish starting in fall 2019 (http://www.newpaltz.edu/adolescence-education/notice-of-program-suspension)

² Discipline-specific education coursework combines content and content-specific pedagogical methods.
English and social studies students will meet this requirement through a content-area course (e.g. ENG5XX or HIS5XX). Mathematics, science, and foreign language students typically will meet the requirement with an education or liberal-arts elective course.

Program Requirements

File a “plan of study” during the first semester after matriculation.

Complete prescribed course work and other requirements within five years after matriculation.

Deficiencies in the candidate’s undergraduate preparation in the subject area or major shall be remedied by early advisement with the Secondary Education advisor.

Maintain a cumulative grade point average of 3.0 or better, with no more than two grades below B-.

Student teaching with seminar (13 undergraduate credits).

Additional Requirements

• Culminating assessments are required (e.g., comprehensive examination, teaching portfolio, thesis). Students must attend two state-mandated workshops:
  a. Recognizing and reporting symptoms of child abuse
  b. Prevention of school violence (SAVE).

  These workshops can be taken at SUNY New Paltz campus.

  Students must obtain fingerprint clearance. Information packets can be collected in the office of the Department of Secondary Education in OMB 323.

• Students must have good moral character. Applicants for certification are asked to provide information about past convictions, misconduct, etc., on the application for a certificate, and the New York State Education Department is authorized to investigate complaints regarding an applicant’s past convictions or any acts which raise a reasonable question as to the individual’s moral character.

• Students must receive satisfactory scores on the New York State Teacher Certification Examinations. More information on these tests may be obtained at http://www.nystce.nesinc.com. Candidates in the French and Spanish programs must earn a B or better on all components of the department’s Assessment (Repeatable no more than three times).

• Candidates in the French and Spanish programs must earn a score of Advanced-Low level or higher on the ACTFL Oral Proficiency Interview (OPI) French/Spanish.

Students are responsible for their own transportation to field and student teaching placements and must be prepared to commute up to 45 miles, one way, to these placements.

Upon graduation, students will receive the Master of Arts in Teaching (MAT) degree. Students will have completed all academic requirements for both initial and professional certification and will be recommended for both certifications. Students will receive their professional certificate after they have completed three years of satisfactory secondary teaching experience in their discipline and notification of such to the State Education Department.

For information on obtaining a teaching credential in New York State, please visit the New York State Education Department website at http://www.highered.nysed.gov/tcert/.
DIVERSIFY YOUR TEACHING PORTFOLIO

Enrich Your Classroom

MSEd Childhood Education (grades 1-6)
Specialize in: Early Childhood (p. 34), Reading/Literacy (p. 35), or STEM Education (p. 36)

MSEd Adolescence Education (grades 7-12)
Specialize in: Biology, Chemistry, Earth Science, English, Mathematics, or Social Studies (http://catalog.newpaltz.edu/graduate/education/secondary-education/mse-adolescence-education-7-12/#overviewtext)

Focus on Special Education

MSEd Special Education: Early Childhood (p. 48)
MSEd Special Education: Childhood Education (1-6) (p. 47)
MSEd Special Education: Adolescence Education (7-12) (p. 46)

Social Justice Education

MPS Humanistic/Multicultural Education
General Program for Professionals
Special Subjects Certification Track

MSEd in Childhood Education 1-6 - Early Childhood Specialization

Early Childhood Specialization (13EC)
Aaron Isabelle, Coordinator, (845) 257-2837
isabella@newpaltz.edu

Students enrolled in the Master of Science in Education Childhood Education 1-6 program may choose to specialize in Early Childhood Education. The planned outcome of the Early Childhood Education track is the increased understanding and use of the major concepts, principles, theories, and research related to development of young children, infancy to second grade. Principles and standards of the NAEYC (National Association for the Education of Young Children) serve as a guide for course development and completion. This specialization will enhance the student's understanding of how young children experience and process learning. This specialization will NOT lead to certification as an Early Childhood Education teacher.

Admission Requirements

Candidates for admission to the program need to:

- Hold a current elementary or childhood teaching certificate from New York State. A copy of this certificate must be submitted as part of the application process. (Note: Students may be accepted into the program "pending" receipt of their teaching certificate if the teaching certificate is being processed by NYSED or if the student is nearing completion of an approved teacher education program.)
- Have earned an undergraduate cumulative grade point average of 3.0 or higher;
- Complete an admission application available from The Graduate School and provide official transcripts of all college/university coursework: http://www.newpaltz.edu/graduate/forms.html
- Submit three letters of recommendation on professional letterhead from professionals addressing the competency of the candidate. At least one letter should come from a professor with whom the candidate has taken undergraduate course work;
- Earn a satisfactory score on the Graduate Record Examination (Note: all applicants who apply after August 20, 2015 will be required to take the GRE; prior to this date, the GRE was optional).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liberal Arts and Science Core (9 Credits)</td>
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</tr>
<tr>
<td>Select 9 credits by advisement ^1</td>
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<tr>
<td>Elementary Content Core (15 Credits)</td>
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<td>Select one of the following:</td>
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<td>EED550 Advanced Child Development</td>
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<tr>
<td>EDS581 Issues of Racism and Sexism in Education</td>
<td>3</td>
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<td>EDS537 Issues in Multicultural Education</td>
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<td>SPE572 Tchg. Learners of Culturally/Linguistically Diverse Backgrounds</td>
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<td>EED528 Literacy and Language Learners</td>
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<td>SED701 Inquiry into Teaching, Learning, and School: Part I</td>
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<td>SED702 Inquiry into Teaching, Learning, and School: Part II Every Semester</td>
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<td>SPE565 Teaching in Inclusive Classrooms ^2</td>
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<tr>
<td>Pedagogical Core (12-15 Credits)</td>
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</table>

The pedagogical core is developed from the student's choice of a 12-15 specialization track and additional graduate education elective(s).

Possible courses to be selected with advisement:

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<th>Code</th>
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<tr>
<td>SPE798</td>
<td>Young Children with Disabilities</td>
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<tr>
<td>EED520</td>
<td>Literacy and Reading Development - Birth - Kindergarten</td>
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<tr>
<td>EED522</td>
<td>Play The Foundations of Literacy for Young children (B-K)</td>
</tr>
<tr>
<td>EED716</td>
<td>Science, Math, and Engineering for Young Children</td>
</tr>
<tr>
<td>EED512</td>
<td>Children's and Young Adult Literature</td>
</tr>
</tbody>
</table>

Total Credits 36-39

^1 This is a continuation of undergraduate content and aligned with specialization tracks. Courses will be selected with advisement from respective departments from one of the following content areas:
- Science, Mathematics, Technology
- Social Studies
- Languages other than English
- English/Language Arts

Students may also choose, under advisement, to substitute graduate electives in Liberal Arts or Science and/or Fine and Performing Arts (up to 6 credits) to continue in their undergraduate academic major.

Course required for students who have not had a previous course to prepare them to work with students with special needs.

^2
Requirements for Completion of the Degree
Candidates are required to:

• Develop a plan of study with an advisor after matriculating into the program;
• Complete prescribed course work and other requirements within three years of matriculation;
• Maintain a cumulative average of 3.0 or better, with no more than two grades below B-;
• Complete "Dignity for All Students Act" (DASA) Training;

A typical four-semester program for a full-time student would consist of two summer sessions, one fall semester, and one spring semester. There is some flexibility in planning sequences of courses, depending on course availability.

MSEd in Childhood Education
1-6 - Reading/Literacy Education Specialization

Reading/Literacy Education Specialization (13RL)
Aaron Isabelle, Coordinator, (845) 257-2837
isabella@newpaltz.edu

Students enrolled in the Master of Science in Education Childhood Education 1-6 program may choose to specialize in Reading/Literacy. The planned outcome of the Reading/Literacy Education track is the enhanced ability to assist elementary children in developing essential skills in reading, writing, speaking, and listening. The NYS Common Core State Standards in ELA serve as a guide for course development and completion. This specialization will NOT lead to certification as a Literacy teacher. Students requiring certification as a Literacy teacher should enroll in either 030A: M.S. Ed. in Literacy Education, B-6, or 030B: M.S. Ed. in Literacy Education, Grades 5-12.

Admission Requirements
Candidates for admission to the program need to:

• Hold a current elementary or childhood teaching certificate from New York State. A copy of this certificate must be submitted as part of the application process. (Note: Students may be accepted into the program "pending" receipt of their teaching certificate if the teaching certificate is being processed by NYSED or if the student is nearing completion of an approved teacher education program.)
• Have earned an undergraduate cumulative grade point average of 3.0 or higher;
• Complete an admission application available from The Graduate School and provide official transcripts of all college/university coursework: http://www.newpaltz.edu/graduate/forms.html
• Submit three letters of recommendation on professional letterhead from professionals addressing the competency of the candidate. At least one letter should come from a professor with whom the candidate has taken undergraduate course work;
• Earn a satisfactory score on the Graduate Record Examination (Note: all applicants who apply after August 20, 2015 will be required to take the GRE; prior to this date, the GRE was optional).

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<tbody>
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<td>Liberal Arts and Science Core (9 Credits)</td>
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</tr>
<tr>
<td>Select 9 credits by advisement</td>
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<td>9</td>
</tr>
<tr>
<td></td>
<td>Elementary Content Core (15 Credits)</td>
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<tr>
<td>EED550</td>
<td>Advanced Child Development</td>
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<td>Issues of Racism and Sexism in Education</td>
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</tr>
<tr>
<td>EDSS37</td>
<td>Issues in Multicultural Education</td>
<td></td>
</tr>
<tr>
<td>SPE572</td>
<td>Tchg. Learners of Culturally/Linguistically Diverse Backgrounds</td>
<td></td>
</tr>
<tr>
<td>SED566</td>
<td>Education Across Borders: International Ideas and Experience</td>
<td></td>
</tr>
<tr>
<td>SED701</td>
<td>Inquiry into Teaching, Learning, and School: Part I</td>
<td>3</td>
</tr>
<tr>
<td>SED702</td>
<td>Inquiry into Teaching, Learning, and School: Part II Every Semester</td>
<td>3</td>
</tr>
<tr>
<td>SPE565</td>
<td>Teaching in Inclusive Classrooms</td>
<td>3</td>
</tr>
</tbody>
</table>

Pedagogical Core (12-15 Credits)
The pedagogical core is developed from the student’s choice of a specialization track and additional graduate education elective(s). Possible courses to be selected through advisement:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EED520</td>
<td>Literacy and Reading Development - Birth - Kindergarten</td>
<td></td>
</tr>
<tr>
<td>EED512</td>
<td>Children’s and Young Adult Literature</td>
<td></td>
</tr>
<tr>
<td>EED528</td>
<td>Literacy and Language Learners</td>
<td></td>
</tr>
<tr>
<td>EED526</td>
<td>Creative Writing for Elementary School Teachers</td>
<td></td>
</tr>
<tr>
<td>EED565</td>
<td>Content Area Literacy, 1-6</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits                              36-39

1 This is a continuation of undergraduate content and aligned with specialization tracks. Courses will be selected with advisement from respective departments from one of the following content areas:
• Science, Mathematics, Technology
• Social Studies
• Languages other than English
• English/Language Arts

Students may also choose, under advisement, to substitute graduate electives in Liberal Arts or Science and/or Fine and Performing Arts (up to 6 credits) to continue in their undergraduate academic major.

2 Course required for students who have not had a previous course to prepare them to work with students with special needs.

Requirements for Completion of the Degree
Candidates are required to:

• Develop a plan of study with an advisor after matriculating into the program;
• Complete prescribed course work and other requirements within three years of matriculation;
Candidates for admission to the program need to:

- Maintain a cumulative average of 3.0 or better, with no more than two grades below B-.
- Complete "Dignity for All Students Act" (DASA) Training;

A typical four-semester program for a full-time student would consist of two summer sessions, one fall semester, and one spring semester. There is some flexibility in planning sequences of courses, depending on course availability.

MSEd in Childhood Education 1-6 - Science, Technology, Engineering and Mathematics Specialization (STEM)

STEM Specialization (13ST)

Aaron Isabelle, Coordinator, (845) 257-2837 isabella@newpaltz.edu

Students enrolled in the Master of Science in Education Childhood Education 1-6 program may choose to specialize in Science, Technology, Engineering and Mathematics (STEM). The planned outcome of the STEM track is the ability to enable children to successfully meet the demands of the highly technological world in which they are growing up and will need to find jobs. This includes nurturing critical thinking skills and problem-solving abilities by thinking/acting as scientists and engineers. The Next Generation Science Standards (NGSS) and the NYS Common Core State Standards (CCSS) in Mathematics serve as a guide for course development and completion. This specialization will NOT lead to certification as a STEM Education teacher.

Admission Requirements

Candidates for admission to the program need to:

- Hold a current elementary or childhood teaching certificate from New York State. A copy of this certificate must be submitted as part of the application process. (Note: Students may be accepted into the program "pending" receipt of their teaching certificate if the teaching certificate is being processed by NYSED or if the student is nearing completion of an approved teacher education program.)
- Have earned an undergraduate cumulative grade point average of 3.0 or higher;
- Complete an admission application available from The Graduate School and provide official transcripts of all college/university coursework: http://www.newpaltz.edu/graduate/forms.html
- Submit three letters of recommendation on professional letterhead from professionals addressing the competency of the candidate. At least one letter should come from a professor with whom the candidate has taken undergraduate course work;
- Earn a satisfactory score on the Graduate Record Examination (Note: all applicants who apply after August 20, 2015 will be required to take the GRE; prior to this date, the GRE was optional).

Requirements for Completion of the Degree

Candidates are required to:

- Develop a plan of study with an advisor after matriculating into the program;
- Complete prescribed course work and other requirements within three years of matriculation;
- Maintain a cumulative average of 3.0 or better, with no more than two grades below B-.
- Complete "Dignity for All Students Act" (DASA) Training;

A typical four-semester program for a full-time student would consist of two summer sessions, one fall semester, and one spring semester. There is some flexibility in planning sequences of courses, depending on course availability.

### Required Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EED735</td>
<td>Workshop in Environmental/Outdoor Education and Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>EED709</td>
<td>Workshop in Teaching Science and Literacy in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>EED716</td>
<td>Science, Math, and Engineering for Young Children</td>
<td>3</td>
</tr>
<tr>
<td>EED707</td>
<td>Workshop in Teaching Mathematics and Technology in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>SED560</td>
<td>Technology in the Classroom</td>
<td>3</td>
</tr>
</tbody>
</table>

### Liberal Arts and Science Core (9 Credits)

<table>
<thead>
<tr>
<th>Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Select 9 credits by advisement</td>
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<td>9</td>
</tr>
</tbody>
</table>

### Elementary Content Core (15 Credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>EED550</td>
<td>Advanced Child Development</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDS81</td>
<td>Issues of Racism and Sexism in Education</td>
<td></td>
</tr>
<tr>
<td>EDS37</td>
<td>Issues in Multicultural Education</td>
<td></td>
</tr>
<tr>
<td>SPE572</td>
<td>Tchg. Learners of Culturally/Linguistically Diverse Backgrounds</td>
<td></td>
</tr>
<tr>
<td>SED566</td>
<td>Education Across Borders:International Ideas and Experience</td>
<td></td>
</tr>
<tr>
<td>SED701</td>
<td>Inquiry into Teaching, Learning, and School: Part I</td>
<td>3</td>
</tr>
<tr>
<td>SED702</td>
<td>Inquiry into Teaching, Learning, and School: Part II</td>
<td>3</td>
</tr>
</tbody>
</table>

### Pedagogical Core (12-15 Credits)

The pedagogical core is developed from the student's choice of a specialization track and additional graduate education elective(s).

Possible courses to be selected through advisement:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDS537</td>
<td>Education Across Borders:International Ideas and Experience</td>
<td></td>
</tr>
<tr>
<td>SPE565</td>
<td>Teaching in Inclusive Classrooms</td>
<td>3</td>
</tr>
</tbody>
</table>

### Total Credits

| Total Credits | 36-39 |

1 This is a continuation of undergraduate content and aligned with specialization tracks. Courses will be selected with advisement from respective departments from one of the following content areas:
- Science, Mathematics, Technology
- Social Studies
- Languages other than English
- English/Language Arts

Students may also choose, under advisement, to substitute graduate electives in Liberal Arts or Science and/or Fine and Performing Arts (up to 6 credits) to continue in their undergraduate academic major.

2 Course required for students who have not had a previous course to prepare them to work with students with special needs.
Literacy Education (Birth-Grade 6 and Grades 5-12)

Jennifer Davis-Duerr, Coordinator
Email: literacy@hawkmail.newpaltz.edu

The State University of New York at New Paltz offers a graduate program in Literacy Education (grades B-6 or 5-12) for students interested in becoming a literacy specialist. Successful applicants will have initial NYS teaching certification (in one of the areas below) and a baccalaureate degree from an accredited institution.

Additionally, we offer an accelerated program for students seeking a second master’s degree in literacy education. Successful second degree applicants will have earned a master’s degree in a related field within education and be certified in one of the areas below.

Acceptable NYS Teaching Certification Areas:

• Early Childhood (B-2) or Childhood Education 1-6
• Adolescent Education (Grades 7-12) or Adolescence/Middle Grades Education (all subjects)
• Special Education (B-2, 1-6, or 7-12)
• Speech and Hearing Handicapped
• Music Education
• Art Education.

NOTE: Three years of teaching experience as a certified literacy teacher is required for professional certification.

Graduate Programs in Literacy Education

• MSEd in Literacy Education B-6 (p. 37)
• MSEd in Literacy Education Grades 5-12 (p. 38)

NOTE: Admission to our dual certification programs in literacy and special education has been temporarily suspended. Students should contact the department for alternative options.

MSEd in Literacy Education 5-12 and Certification in Adolescence Special Education

Admission to this program has been suspended.

MSEd in Literacy Education B-6

Admission Requirements

The following are minimum standards for admission. Meeting the minimum requirements does not guarantee admission to the program. Candidates for admission must:

• Complete an admission application available online at www.newpaltz.edu/graduate
• Provide one official copy of all transcripts of all previous college/university course-work from regionally accredited institutions, with a cumulative undergraduate grade point average (GPA) of 3.0 or higher;
• Provide evidence of initial/provisional or professional/permanent teaching certification in elementary education (B-2, Pre-K-6, Grades 1-6), or Secondary Education (Grades 7-12 or Adolescence/Middle Grades Education, all subjects), or in Special Education, Speech and Hearing Handicapped, Music Education, or Art Education;
• Provide acceptable GRE scores*
• Request two recent (within two years), appropriate letters of recommendation, including at least two from college/university faculty on professional letterhead supporting the applicant’s potential to undertake graduate study;
• Submit a well-written essay of no more than 500 words describing your educational aspirations, experience working with students in educational settings, and how training in a master’s program in literacy education will help you achieve your personal and professional goals.

* Applicants with a GPA of at least 3.0 may apply and be provisionally accepted pending submission of GRE scores and NYS Teaching Certification. If accepted provisionally, candidates must submit GRE scores by the midpoint of their first semester of graduate study, and must submit evidence of NYS teaching certification by the end of their first semester of graduate study.

Application Deadlines**

November 1           For Spring admission
March 15             For Summer or Fall admission

** Although applications will be reviewed continuously, only those received by February 20th (Summer/Fall) and September 20th (Spring) can be guaranteed desired course scheduling.

Curriculum Requirements (030A)

All courses must be taken under advisement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EED752</td>
<td>Theoretical Foundations of Reading and Writing</td>
<td>3</td>
</tr>
<tr>
<td>EED753</td>
<td>Workshop in Understanding Literacy Difficulties</td>
<td>3</td>
</tr>
<tr>
<td>EED754</td>
<td>Workshop in Diagnosing Literacy Difficulties</td>
<td>3</td>
</tr>
<tr>
<td>EED755</td>
<td>Workshop in Intervention of Literacy Difficulties, B-6</td>
<td>3</td>
</tr>
<tr>
<td>EED757</td>
<td>Clinical Practices in Literacy Intervention, B-6</td>
<td>3</td>
</tr>
<tr>
<td>EED759</td>
<td>Workshop in Action Research for Literacy Leaders</td>
<td>3</td>
</tr>
<tr>
<td>EED760</td>
<td>Literacy Leadership and Coaching</td>
<td>3</td>
</tr>
</tbody>
</table>

Distributive Core (12 Credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EED512</td>
<td>Children’s and Young Adult Literature</td>
<td>3</td>
</tr>
<tr>
<td>EED528</td>
<td>Literacy and Language Learners</td>
<td>3</td>
</tr>
<tr>
<td>EED565</td>
<td>Content Area Literacy, 1-6</td>
<td>3</td>
</tr>
<tr>
<td>EED510</td>
<td>Teaching Writing &amp; Multimodal Text Production</td>
<td>3</td>
</tr>
</tbody>
</table>

Diversity Elective (3 Credits)

Select one course from the list below:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDS537</td>
<td>Issues in Multicultural Education</td>
</tr>
<tr>
<td>EDS581</td>
<td>Issues of Racism and Sexism in Education</td>
</tr>
<tr>
<td>SED566</td>
<td>Education Across Borders: International Ideas and Experience</td>
</tr>
<tr>
<td>SPE572</td>
<td>Tchg. Learners of Culturally/Linguistically Diverse Backgrounds</td>
</tr>
<tr>
<td>EDS549</td>
<td>Issues in Literacy for Diverse Learners</td>
</tr>
</tbody>
</table>

Total Credits 36
Students who are interested in applying for the Literacy Education 030A, Literacy Education 030B, or the Master's Literacy Education Program should contact the Literacy Coordinator literacy@hawkmail.newpaltz.edu

While 6 credits of coursework may be taken as a non-matriculated student and transferred into the program, taking classes as a non-matriculated student does not guarantee the transferability of credits into the program, nor does it guarantee admission to the program. After matriculation and with approval of your advisor and the AVP for Graduate & Extended Learning, you may transfer up to six graduate credits. Credits cannot be transferred after the plan of study is approved.

Requirements for Completion of Degree
Candidates are required to:

• Develop a plan of study with an advisor upon matriculation;
• Complete no more than 6 credits of course-work toward the degree prior to matriculation;
• Complete prescribed course-work and other requirements within five years of matriculation;
• Maintain a cumulative average of 3.0 or better. The Literacy Sequential Core courses require a B (84) or better to proceed to the next course in the sequence. If you do not earn a B (84), you can retake one course, one time.

MSEd in Literacy Education Grades 5-12

Admission Requirements
The following are minimum standards for admission. Meeting the minimum requirements does not guarantee admission to the program. Candidates for admission must:

• Complete an admission application available online at www.newpaltz.edu/graduate
• Provide one official copy of all transcripts of all previous college/university course-work from regionally accredited institutions, with a cumulative undergraduate grade point average (GPA) of 3.0 or higher;
• Provide evidence of initial/provisional or professional/permanent teaching certification in elementary education (B-2, Pre-K-6, Grades 1-6), or Secondary Education (Grades 7-12 or Adolescence/Middle Grades Education, all subjects), or in Special Education, Speech and Hearing Handicapped, Music Education, or Art Education;
• Provide acceptable GRE scores*
• Request two recent (within two years), appropriate letters of recommendation, including at least two from college/university faculty on professional letterhead supporting the applicant’s potential to undertake graduate study;
• Submit a well-written essay of no more than 500 words describing your educational aspirations, experience working with students in educational settings, and how training in a master’s program in literacy education will help you achieve your personal and professional goals.

* Applicants with a GPA of at least 3.0 may apply and be provisionally accepted pending submission of GRE scores and NYS Teaching Certification. If accepted provisionally, candidates must submit GRE scores by the midpoint of their first semester of graduate study, and must submit evidence of NYS teaching certification by the end of their first semester of graduate study.

Application Deadlines**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 1</td>
<td>For Spring admission</td>
</tr>
<tr>
<td>March 15</td>
<td>For Summer or Fall admission</td>
</tr>
</tbody>
</table>

** Although applications will be reviewed continuously, only those received by February 20th (Summer/Fall) and September 20th (Spring) can be guaranteed desired course scheduling.

Curriculum Requirements (030B)
All courses must be taken under advisement.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sequential Core (21 Credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EED752</td>
<td>Theoretical Foundations of Reading and Writing</td>
<td>3</td>
</tr>
<tr>
<td>EED753</td>
<td>Workshop in Understanding Literacy Difficulties</td>
<td>3</td>
</tr>
<tr>
<td>EED754</td>
<td>Workshop in Diagnosing Literacy Difficulties</td>
<td>3</td>
</tr>
<tr>
<td>EED756</td>
<td>Workshop in Intervention of Literacy Difficulties, 5-12</td>
<td>3</td>
</tr>
<tr>
<td>EED758</td>
<td>Clinical Practices in Literacy Intervention, 5-12</td>
<td>3</td>
</tr>
<tr>
<td>EED759</td>
<td>Workshop in Action Research for Literacy Leaders</td>
<td>3</td>
</tr>
<tr>
<td>EED760</td>
<td>Literacy Leadership and Coaching</td>
<td>3</td>
</tr>
<tr>
<td>Distributive Core (12 Credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EED512</td>
<td>Children's and Young Adult Literature</td>
<td>3</td>
</tr>
<tr>
<td>EED528</td>
<td>Literacy and Language Learners</td>
<td>3</td>
</tr>
<tr>
<td>SED549</td>
<td>Teaching Literacy Across the Disciplines 6-12</td>
<td>3</td>
</tr>
<tr>
<td>EED510</td>
<td>Teaching Writing &amp; Multimodal Text Production</td>
<td>3</td>
</tr>
<tr>
<td>Diversity Elective (3 Credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDS537</td>
<td>Issues in Multicultural Education</td>
<td>3</td>
</tr>
<tr>
<td>EDS581</td>
<td>Issues of Racism and Sexism in Education</td>
<td>3</td>
</tr>
<tr>
<td>SED566</td>
<td>Education Across Borders:International Ideas and Experience</td>
<td>3</td>
</tr>
<tr>
<td>SPE572</td>
<td>Tchg. Learners of Culturally/Linguistically Diverse Backgrounds</td>
<td>3</td>
</tr>
<tr>
<td>EDS549</td>
<td>Issues in Literacy for Diverse Learners</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>36</td>
</tr>
</tbody>
</table>
Requirements for Completion of Degree
Candidates are required to:

- Develop a plan of study with an advisor upon matriculation;
- Complete no more than 6 credits of course-work toward the degree prior to matriculation;
- Complete prescribed course-work and other requirements within five years of matriculation;
- Maintain a cumulative average of 3.0 or better. The Literacy Sequential Core courses require a B (84) or better to proceed to the next course in the sequence. If you do not earn a B (84), you can retake one course, one time.

MSEd in Literacy Education with Certification in Literacy B-6 & Childhood Special Education 1-6
Admission to this program as has been suspended.

MSEd in Second Language Education - TESOL
Second Language Education (TESOL) (065)
Beth Clark-Gareca, Graduate Coordinator, (845) 257-2856
garecab@newpaltz.edu

In response to the regional need for professionals prepared to educate linguistically and culturally diverse students, SUNY New Paltz offers a Master of Science in Education in Second Language Education. This thirty-six credit program leads to certification (initial and professional) in English to Speakers of Other Languages (Pre K-12).

Admission Requirements
- One official transcript of all undergraduate and graduate course work; the baccalaureate transcript should be from a regionally accredited institution with a minimum 3.0 cumulative grade point average in the major, and a 3.0 cumulative GPA overall. Candidates must have completed a baccalaureate degree with a concentration in one of the liberal arts or sciences.
- An admission essay demonstrating experience and/or interest in working with culturally and linguistically diverse students.
- Satisfactory GRE scores.
- Satisfactory completion of twelve semester hours of study of a language other than English. All courses must be conducted in the target language.
- Three letters of recommendation.
- For international students, a minimum score of 90 on the internet-based TOEFL exam.

Curriculum Requirements - TESOL

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SED573</td>
<td>Teaching English as a New Language I</td>
<td>3</td>
</tr>
<tr>
<td>SED551</td>
<td>Field Experience I</td>
<td>1</td>
</tr>
<tr>
<td>EED581</td>
<td>Foundations of Bilingual/Bicultural Education</td>
<td>3</td>
</tr>
<tr>
<td>SED578</td>
<td>Second Language Learning</td>
<td>3</td>
</tr>
</tbody>
</table>

Program Requirements
- File a “plan of study” during the first semester after matriculation.
- Any deficiencies in the candidate's previous training shall be removed by early advisement with the Second Language Education program advisor.
- Completion of prescribed course work and other requirements within five years after matriculation.
- Maintain a cumulative grade point average of 3.0 or better with no more than two grades below B-.
- Successful completion of practicum during final semester of study.

Additional State Certification Requirements
In addition to degree requirements, candidates must meet several New York State certification requirements which include:

1. Attending a number of workshops, designed to assist teachers in
   a. preventing violence in the schools (S.A.V.E)
   b. recognizing symptoms of child abuse and neglect,
   c. providing a safe and supportive learning environment through the training for Dignity for All Students Act (DASA), and
   d. by completing the Health & Safety training.
2. Satisfying the New York State Certification Testing requirements, which include:
   a. Content Specialty Test (for initial certification)
3. Completing six semester hours on the undergraduate level in each of the following four content areas: English, mathematics, history, and science.

Special Education
(845) 257-2831
Master of Science in Education
Special Education
Jane Sileo, coordinator, (845) 257-2835, sileoj@newpaltz.edu

The Department of Educational Studies of SUNY New Paltz offers master's degree in Special Education. Teacher candidates pursue a program of study in Early Childhood Special Education (Birth – Grade
2), Childhood Special Education (Grades 1-6), or Adolescence Special Education (Grades 7-12). Professional certification for each of these programs requires three years of successful teaching experience at the appropriate grade level(s).

**Early Childhood Special Education (Birth – Grade 2) (060E)**
Applicants with initial certification in Early Childhood Education B-2 will complete 36 credit hours of course work. Upon successful completion of the program, teacher candidates are eligible for NYS Education Department initial certification in Early Childhood Special Education B-2.

**Childhood Special Education (Grades 1-6) (060C)**
Applicants with initial certification in Childhood Education 1-6 will complete 36 credit hours of course work. Upon successful completion of the program, teacher candidates are eligible for NYS Education Department initial certification in Childhood Special Education 1-6.

**Adolescence Special Education (Grades 7-12) (060G)**
The Adolescent Special Education Program consists of at least 36 credit hours and leads to the Students with Disabilities Generalist 7-12 certificate. This NYS certificate requires that candidates have 6 credit hours in each of the following content areas: English, social studies, science, and math. Students who are deficient in any of these credits must fulfill them before graduation from the Adolescence Special Education master’s program.

---

**Master of Science in Education Dual Certification Programs**

**NOTE:** Application to the dual certification programs in Literacy and Special Education have been temporarily suspended. Students should contact the department for alternative options.

**Graduate Programs in Special Education**
- MSED in Special Education - Early Childhood Special Education (Birth-Grade 2) (p. 48)
- MSED in Special Education - Childhood Special Education (Grades 1-6) (p. 47)
- MSED in Special Education - Adolescence Special Education (Grades 7-12) (p. 46)

**NOTE:** Application to the dual certification programs in Literacy and Special Education have been temporarily suspended. Students should contact the department for alternative options.

**SPE513. Single Subject Research. 3 Credits.**
Provides an overview of single subject research methodology. Topics include measurement of behaviors, single subject research designs, threats to validity, and data analysis.

**Prerequisites:**
- SPE 512 with a minimum grade of D-

**Restrictions:**
- Must have the following level: Graduate

**SPE514. Advanced Applied Behavior Analysis. 3 Credits.**
Provides an application of the principals and concepts of behavior analysis to social behaviors. Topics include: applied behavior analysis (ABA), identifying and defining target behaviors, measuring behaviors, assessing behaviors, determining functions of behavior, using behavior change systems, selecting intervention strategies, and implementing and managing services.

**Prerequisites:**
- SPE 512 with a minimum grade of D-

**Restrictions:**
- Must have the following level: Graduate

**SPE515. Ethical Considerations in Applied Behavior Analysis. 3 Credits.**
Provides an overview of ethical considerations in the field of behavior analysis. Topics include: history of ethics, qualifications and responsibilities of being a Board Certified Behavior Analyst (BCBA), selection of interventions for clients, and implementation and evaluation of behavior change procedures.

**Prerequisites:**
- SPE 512 with a minimum grade of D-

**Restrictions:**
- Must have the following level: Graduate

**SPE516. Methods of Instruction. 3 Credits.**
Provides behavioral techniques to teach individuals academic, functional living, and communication skills. Topics include instructional objectives, chaining response prompting, incidental teaching, observational learning, preference assessment, naturalistic interventions, and verbal behavior.

**Prerequisites:**
- SPE 512 with a minimum grade of D- and SPE 513 with a minimum grade of D-

**Restrictions:**
- Must have the following level: Graduate

**SPE517. Management Procedures for Severe Problem Behaviors. 3 Credits.**
Learn how to evaluate severe problem behavior and intervene in order to decrease the occurrence of the problem behavior and teach individuals exhibiting these behaviors more socially appropriate behaviors. You will also consider ethical issues when evaluating interventions that target severe problem behaviors.

**Prerequisites:**
- SPE 512 with a minimum grade of D-

**Restrictions:**
- Must have the following level: Graduate

**SPE518. Autism Practicum. 3 Credits.**
Provides candidates with the opportunity for hands on experience with assessing behaviors, creating behavior modification programs, and making decisions on current cases with individuals with autism under the supervision of a licensed behavior analyst.

**Prerequisites:**
- SPE 512 with a minimum grade of D- and SPE 513 with a minimum grade of D-

**Restrictions:**
- Must have the following level: Graduate
SPE563. Multiple Intelligences in Inclusive Classrooms . 3 Credits.
Participants will develop understanding and skills in the use of multiple intelligences for planning and collaborating in instructional design, supporting students' full participation, and working with colleagues and community.
Restrictions:
• Must have the following level: Graduate

SPE565. Teaching in Inclusive Classrooms . 3 Credits.
Examines a variety of issues and strategies related to educating learners with disabilities in general education classrooms. It is also designed to provide students with an understanding of the nature and needs of exceptional children and youth from culturally and linguistically diverse backgrounds.
Restrictions:
• Must have the following level: Graduate

SPE571. Teaching Communication Skills to Learners with Disabilities . 3 Credits.
Methods, materials, and procedures for increasing the communication skills of students with disabilities.
Restrictions:
• Must have the following level: Graduate

SPE572. Tchg. Learners of Culturally/Linguistically Diverse Backgrounds . 3 Credits.
This course examines the academic and social challenges education poses faced by students from culturally and linguistically diverse backgrounds. Methods for implementing culturally relevant instruction and programs for all students will be discussed.
Restrictions:
• Must have the following level: Graduate

SPE575. Technology in Special Education . 3 Credits.
This course is designed for educators who are interested in learning how to use educational technology with individuals with disabilities. Technology content dealing with ways technology can be employed to teach exceptional students will be discussed as well as other practical applications of educational technology.
Restrictions:
• Must have the following level: Graduate

SPE593. Special Ed Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

SPE594. Fieldwork in Autism Studies. 0 Credits.
Restrictions:
• Must have the following level: Graduate

SPE595. Indep Study Special Ed. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

SPE700. Educating Special Learners . 5 Credits.
This course will examine issues related to the education of learners with special needs, including the philosophical, historical, social, and legal foundations of special education; characteristics of learners with disabilities; employment and independence for learners with disabilities; and professionalism and ethical practices. The course will also offer students field-based experiences working with learners with disabilities in educational programs that address a wide range of academic, social, and transitional needs.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Literacy Ed and Adol Spec Ed (029B)
  • Adol Special Ed and Lit Ed (059A)
  • Special Ed:Adolescence Ed. (060G)
  • Adol Special Ed and Lit Ed (059G)
  • Special Ed: Adolescence Ed (060A)
  • Special Ed: Childhood Ed (060C)
  • Special Ed: Early Childhood Ed (060E)
  • Literacy Ed and Child Spec Ed (029A)
  • Child Special Ed and Lit Ed (059C)

SPE701. Educational Assessment of Learners with Disabilities . 5 Credits.
This course explores critical issues in the educational assessment process and focuses on the use of informal and formal assessment strategies to identify and assess learners with disabilities. This course offers students field-based experience in assessing the educational performance of learners with disabilities.
Prerequisites:
• SPE 700 (may be taken concurrently) with a minimum grade of B-
SPE702. Teaching Math, Science and Technology in Inclusive Classrooms. 3 Credits.
This course examines methods for planning, implementing, and evaluating instructional strategies for students with disabilities, particularly in the areas of math, science, and technology. It emphasizes differentiating instruction based upon learner characteristics, learning environment, curriculum and standards.
Prerequisites:
• SPE 700 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed:Adolescence Ed. (060G)
  • Special Ed: Early Childhood Ed (060E)
  • Special Ed: Adolescence Ed (060A)
  • Special Ed: Childhood Ed (060C)

SPE703. Research in Special Education . 3 Credits.
Reviews current issues in special education research. Students design and execute a research project addressing their interest.
Prerequisites:
• SPE 700 (may be taken concurrently) with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Literacy Ed and Adol Spec Ed (029B)
  • Adol Special Ed and Lit Ed (059A)
  • Special Ed:Adolescence Ed. (060G)
  • Adol Special Ed and Lit Ed (059G)
  • Special Ed: Adolescence Ed (060A)
  • Special Ed: Childhood Ed (060C)
  • Special Ed: Early Childhood Ed (060E)
  • Literacy Ed and Child Spec Ed (029A)
  • Child Special Ed and Lit Ed (059C)

SPE706. Working with Learners with Emotional/Behavioral Problems . 3 Credits.
Students with emotional/behavioral problems will be studied through analysis of case studies.
Restrictions:
• Must have the following level: Graduate

SPE711. Educating Learners with Autism Spectrum Disorders. 3 Credits.
Provides an overview of the educational strengths and challenges of students with Autism Spectrum Disorders. Topics include: historical overview, major theories and trends, effective practices, and collaboration strategies.
Restrictions:
• Must have the following level: Graduate

SPE712. Learning Environments for Students with Autism Spectrum Disorders. 3 Credits.
This course will focus on planning and implementing safe, positive, supportive and universally designed learning environments. Teaching prosocial skills, and employing evidence-based best practices for including students with Autism Spectrum Disorders in general education settings will be included.
Restrictions:
• Must have the following level: Graduate

SPE722. Practicum in Special Education . 6 Credits.
This course provides students with the opportunity to teach childhood learners with disabilities in a school setting under the direction of a cooperating teacher and a university supervisor.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Childhood Ed (060C)
  • Special Ed: Adolescence Ed (060A)

SPE723. Teaching Students with Learning Disabilities . 3 Credits.
A study of students with learning disabilities including an emphasis on diagnosis and prescription. Different theories of learning disability are examined.
Restrictions:
• Must have the following level: Graduate

SPE728. Seminar in Special Education . 3 Credits.
Explores selected problems in the education of learners with disabilities.
Restrictions:
• Must have the following level: Graduate

SPE731. Literacy and Social Studies Inst. for Childhood Learners w/Disabilities . 5 Credits.
This course will examine methods for planning, implementing, and evaluating instructional strategies for students with disabilities on the childhood level, particularly in the areas of literacy and social studies. Emphasis will be placed on methods for differentiating instruction based upon learner characteristics, learning environment, curriculum and technology considerations, and state, and national standards.
Prerequisites:
• SPE 700 (may be taken concurrently) with a minimum grade of B- and
  • SPE 701 (may be taken concurrently) with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Childhood Ed (060C)
  • Special Ed: Early Childhood Ed (060E)
  • Child Special Ed and Lit Ed (059C)
SPE732. Learning Environments for Childhood Learners with Disabilities . 3 Credits.
This course will focus on planning and implementing safe, positive and supportive learning environments. Teaching prosocial skills, and employing best practices for including childhood learners with disabilities in general education settings will be included.
Prerequisites:
• SPE 700 (may be taken concurrently) with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Early Childhood Ed (060E)
  • Special Ed: Childhood Ed (060C)
  • Literacy Ed and Child Spec Ed (029A)
  • Child Special Ed and Lit Ed (059C)

SPE733. Practicum in Childhood Special Education . 6 Credits.
This course provides students with the opportunity to teach childhood learners with disabilities in a school setting under the direction of a cooperating teacher and a university supervisor.
Prerequisites:
• SPE 700 with a minimum grade of B- and SPE 701 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Adolescence Ed. (060G)
  • Adol Special Ed and Lit Ed (059G)
  • Special Ed: Adolescence Ed (060A)
  • Literacy Ed and Adol Spec Ed (029B)
  • Adol Special Ed and Lit Ed (059A)

SPE741. Literacy and Social St. Instr. for Adol. Learners w/Disabilities. 5 Credits.
Examines methods for planning, implementing, and evaluating instructional strategies for students with disabilities on the adolescent level, particularly in the areas of literacy and social studies. It emphasizes differentiating instruction based upon learners, environment, curriculum, and standards.
Prerequisites:
• SPE 700 with a minimum grade of B- and SPE 701 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Adolescence Ed. (060G)
  • Adol Special Ed and Lit Ed (059G)
  • Special Ed: Adolescence Ed (060A)
  • Adol Special Ed and Lit Ed (059A)
  • Adol Special Ed and Lit Ed (059G)

SPE742. Learning Environments for Adolescent Learners with Disabilities. 3 Credits.
This course will focus on planning and implementing safe, positive and supportive learning environments. Teaching prosocial skills, and employing best practices for adolescent learners with disabilities in general education settings will be included.
Prerequisites:
• SPE 700 (may be taken concurrently) with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Adolescence Ed. (060G)
  • Adol Special Ed and Lit Ed (059G)
  • Special Ed: Adolescence Ed (060A)
  • Adol Special Ed and Lit Ed (059A)
  • Adol Special Ed and Lit Ed (059G)

SPE743. Practicum in Adolescent Special Education. 6 Credits.
Provides students with the opportunity to teach adolescent learners with disabilities in a school setting under the direction of a cooperating teacher and a university supervisor.
Prerequisites:
• SPE 700 with a minimum grade of B- and SPE 742 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Adolescence Ed. (060G)
  • Adol Special Ed and Lit Ed (059G)
  • Special Ed: Adolescence Ed (060A)
  • Literacy Ed and Adol Spec Ed (029B)
  • Adol Special Ed and Lit Ed (059A)

SPE750. Collaboration Strategies for Educators. 3 Credits.
Offers information, theories, resources, and guidelines to help educators enhance their ability to collaborate effectively with families, other professionals, and community members to support the teaching and learning processes.
Restrictions:
• Must have the following level: Graduate

SPE753. Practicum in Early Childhood Special Education. 6 Credits.
Provides teacher candidates with the opportunity to teach young children with disabilities in a school setting under the direction of a cooperating teacher and a university supervisor.
Prerequisites:
• SPE 700 with a minimum grade of B- and SPE 701 with a minimum grade of B-
• SPE 731 with a minimum grade of B- and SPE 732 with a minimum grade of B-
SPE761. Working with Families of Students with Disabilities . 3 Credits.
An investigation of various problems confronting parents, siblings, and other members of the family of persons with disabilities. Such issues as schooling, personal-social adjustment, vocational adjustment, and independent living arrangements are addressed.
Restrictions:
• Must have the following level: Graduate

SPE793. Special Ed Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

SPE794. Field Experience Spec Ed. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Childhood Ed (060C)
  • Special Ed: Adolescence Ed (060A)

SPE795. Indep Study Special Ed. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Childhood Ed (060C)
  • Special Ed: Adolescence Ed (060A)

SPE798. Young Children with Disabilities. 3 Credits.
This course examines current issues, research, and best practices to support successful programming for young children with disabilities (birth to eight years) and their families.
Prerequisites:
• SPE 700 with a minimum grade of D- and SPE 701 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Special Ed: Early Childhood Ed (060E)

Curriculum Requirements
The Adolescence Special Education (7-12) with certification in Literacy Education (5-12) program consists of 48 credit hours. You should take these courses in the sequence suggested by your academic advisor.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>SPE700</td>
<td>Educating Special Learners</td>
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<td>SPE701</td>
<td>Educational Assessment of Learners with Disabilities</td>
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<td>Literacy and Social St. Instr. for Adol. Learners w/ Disabilities</td>
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</tr>
<tr>
<td>SPE742</td>
<td>Learning Environments for Adolescent Learners with Disabilities</td>
<td>3</td>
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<td>SPE743</td>
<td>Practicum in Adolescent Special Education</td>
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<tr>
<td>SPE744</td>
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<td>SPE745</td>
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<td>SPE746</td>
<td>Workshop for the Remediation of Reading Difficulties</td>
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<td>EED747</td>
<td>Clinical Practices in Reading or SED549</td>
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<td>EED565</td>
<td>Content Area Literacy, 1-6</td>
<td>3</td>
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<tr>
<td>EDI775</td>
<td>Graduate Reading Seminar</td>
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</table>

Elective Courses (6 Credits)
Select 3 credits of Elective in Research
Select 3 credits of Electives in Cultural and Linguistic Diversity
Total Credits 48

Program Requirements
• Develop a plan of study with an advisor upon matriculation;
• Complete prescribed course work and other requirements within five years of matriculation;
• Maintain a cumulative average of 3.0 or better, with no more than two grades below B-.
• During the Literacy Content Core courses, students will compile a professional portfolio that will be presented at the end of the program.

Additional Requirements
• This program is also field-based. As a result, a significant amount of your teacher preparation program will be conducted in the professional field under supervision with students and cooperating teachers. The required practicum is offered during the spring and fall. Summer practicum is available to those meeting certain criteria. This is important to consider in planning your program since working in the field demands that you have time available to spend in schools, clinics, and classrooms. This may necessitate an adjustment of your daily schedule. You must have a 3.0 average in graduate courses and no more than two courses with a B- in order to enroll in the practicum course, SPE743.
• Deadlines for practicum and practicum application forms are available in the Educational Studies Office, Old Main Building 108.

Graduation Requirements
• A completed plan of study
• Certification Exams
• In order for SUNY New Paltz to recommend a student for certification you must pass the LAST, ATS-W, Multi-Subject Test, and Students with Disabilities Content Specialty Test.

MSEd in Childhood Special Education (Grades 1-6) with Certification in Literacy Education (B-6)

Admission Requirements
You must submit:

• A completed graduate school application.
• Evidence of initial (provisional) certification.
• One official transcript of all undergraduate and graduate work providing evidence of a baccalaureate degree from an accredited institution with at least a 3.2 cumulative grade point average on a 4.0 scale.
• Satisfactory performance on Graduate Record Exam (GRE).
• A typed statement that describes your educational aspirations, experiences in working with students in educational settings, and how the training in the master’s program in Childhood Special Education 1-6 and Literacy Education B-6 will help you achieve your personal and professional goals. The response should be 300-400 words in length. The special education faculty will examine the writing sample with respect to content, clarity and organization of ideas, grammar, and style.
• Three letters of professional recommendation written on professional letterhead.

All letters must:
• Be dated and current;
• Address how long the writer has known you and in what capacity;
• Two letters should be written by faculty with whom you have taken a college level class. These letters of reference should address your academic performance and your ability to successfully complete a rigorous graduate program in Special Education. We prefer that these letters come from full-time faculty at a college or university.
• One letter should be written by one of the following individuals: a student teaching supervisor, a cooperating teacher, an administrator in a school, or a supervisor in an agency that is related to education. This letter of reference should address your ability to work with children.

Curriculum Requirements
The Childhood Special Education (1-6) and Literacy Education (B-6) program consists of 48 credit hours. You should take these courses in the sequence suggested by your academic advisor.

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<td>Literacy and Social Studies Inst. for Childhood Learners w/Disabilities</td>
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<td>Learning Environments for Childhood Learners with Disabilities</td>
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<td>EED744</td>
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<td>EED745</td>
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<td>Workshop for the Remediation of Reading Difficulties</td>
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<td>EDI775</td>
<td>Graduate Reading Seminar</td>
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</tbody>
</table>

Elective Courses (6 Credits)
Select 3 credits of Elective in Research
Select 3 credits of Electives in Cultural and Linguistic Diversity

Total Credits 48

Program Requirements
• Develop a plan of study with an advisor upon matriculation;
• Complete prescribed course work and other requirements within five years of matriculation;
• Maintain a cumulative average of 3.0 or better, with no more than two grades below B-.
• During the Literacy Content Core courses, students will compile a professional portfolio that will be presented at the end of the program.

Additional Requirements
• This program is also field-based. As a result, a significant amount of your teacher preparation program will be conducted in the professional field under supervision with students and cooperating teachers. The required practicum is offered during the spring and fall. Summer practicum is available to those meeting certain criteria. This is important to consider in planning your program since working in the field demands that you have time available to spend in schools, clinics, and classrooms. This may necessitate an adjustment of your daily schedule. You must have a 3.0 average in graduate courses and no more than two courses with a B- in order to enroll in the practicum course, SPE743.
daily schedule. You must have a 3.0 average in graduate courses and no more than two courses with a B- in order to enroll in the practicum course, SPE733.

- Deadlines for practicum and practicum application forms are available in the Educational Studies Office, Old Main Building 108.

Graduation Requirements

- A completed plan of study
- Certification Exams
- In order for SUNY New Paltz to recommend a student for certification you must pass the LAST, ATS-W, Multi-Subject Test, and Students with Disabilities Content Specialty Test.

MSEd in Special Education - Adolescence Special Education (Grades 7-12)

Adolescence Special Education (Grades 7-12) (060G)

Jane Sileo, coordinator, (845) 257-2835, sileoj@newpaltz.edu

The Adolescence Special Education Program consists of at least 36 credit hours and leads to the Students with Disabilities Generalist 7-12 certificate. This NYS certificate requires that candidates have 6 credit hours in each of the following content areas: English, social studies, science, and math. Students who are deficient in any of these credits must fulfill them before graduation from the Adolescence Special Education master's program.

Students who enter the Adolescence Special Education Program with initial certification in a content area will also be recommended for an extension on their Students with Disabilities Generalist 7-12 certification in that content area. Extensions for the following areas are available:

- SWD- Biology (grades 7-12)
- SWD- Chemistry (grades 7-12)
- SWD- Earth Science (grades 7-12)
- SWD- Mathematics (grades 7-12)
- SWD- Physics (grades 7-12)
- SWD- Social Studies (grades 7-12)
- SWD- English Language Arts (grades 7-12)
- SWD- Languages other than English (grades 7-12)  
  American Sign Language, Cantonese, Chinese, French, German, Greek, Hebrew, Italian, Japanese, Latin, Mandarin, Russian, Spanish

Admission Requirements

You must submit:

- Evidence of NYS initial certification in:
  - Adolescence Education grades 7-12 in one of the following disciplines: Biology, Chemistry, Earth Science, Physics, Social Studies, Mathematics, English Language Arts; or
  - Languages other than English grades 7-12 in one of the following areas: American Sign Language, Cantonese, Chinese, French, German, Greek, Hebrew, Italian, Japanese, Latin, Mandarin, Russian or Spanish.
  - One official transcript of all undergraduate and graduate work providing evidence of a baccalaureate degree from an accredited institution with at least a 3.0 cumulative grade point average on a 4.0 scale.
- Satisfactory performance on Graduate Record Exam (GRE).
- Describe your personal and professional experience that led you to apply to the New Paltz Special Education program. How do you see the New Paltz Special Education program helping you advance toward your professional goals? The response should be 300-400 words in length. The special education faculty will examine the writing sample with respect to content, clarity and organization of ideas, grammar, and style.
- Three letters of professional recommendation written on professional letterhead.

All letters must:

- Be dated and current;
- Address how long the writer has known you and in what capacity;
- Two letters should be written by faculty with whom you have taken a college level class. These letters of reference should address your academic performance and your ability to successfully complete a rigorous graduate program in Special Education. We prefer that these letters come from full-time faculty at a college or university.
- One letter should be written by one of the following individuals: a student teaching supervisor, a cooperating teacher, an administrator in a school, or a supervisor in an agency that is related to education. This letter of reference should address your ability to work with adolescents.

Application Deadlines

| April 1 | Fall and Summer Admission |
| November 1 | Spring Admission |

Curriculum Requirements

The Adolescence Special Education program consists of 36 credit hours, 30 credit hours are core courses and 6 credit hours are electives.

<table>
<thead>
<tr>
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<td>SPE700</td>
<td>Educating Special Learners</td>
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<tr>
<td>SPE701</td>
<td>Educational Assessment of Learners with Disabilities</td>
<td>5</td>
</tr>
<tr>
<td>SPE702</td>
<td>Teaching Math, Science and Technology in Inclusive Classrooms</td>
<td>3</td>
</tr>
<tr>
<td>SPE703</td>
<td>Research in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>SPE741</td>
<td>Literacy and Social St. Instr. for Adol. Learners w/ Disabilities</td>
<td>5</td>
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<td>SPE742</td>
<td>Learning Environments for Adolescent Learners with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPE743</td>
<td>Practicum in Adolescent Special Education</td>
<td>6</td>
</tr>
</tbody>
</table>

Elective Courses (6 Credits)

Select 3 credits of Electives in Diversity  | 3
Select 3 credits of Electives in Collaboration | 3

Total Credits  | 36

Program Requirements

- Complete the prescribed course work and other requirements within five years after matriculation.
You must submit:

- Maintain a cumulative grade point average of 3.0 or better, with no more than two grades below B-.

**Additional Requirements**

- NYS certification requires that candidates have 6 credit hours in each of the following content areas: English, social studies, science, and math. Students who are deficient in any of these credits must fulfill them before graduation from the Adolescence Special Education master’s program.
- This program is field-based. As a result, a significant amount of your teacher preparation program will be conducted in the professional field under supervision with students and cooperating teachers. The required practicum is offered during the spring and fall. Summer practicum is available to those meeting certain criteria. This is important to consider in planning your program since working in the field demands that you have time available to spend in schools, clinics, and classrooms. This may necessitate an adjustment of your daily schedule. You must have a 3.0 average in graduate courses and no more than two courses with a B- in order to enroll in the practicum course, SPE743.
- Deadlines for practicum application forms are available in the Educational Studies Office, Old Main Building 108.

**Graduation Requirements**

- Certification Exam
- In order for SUNY New Paltz to recommend a student for certification you must pass the Students with Disabilities Content Specialty Test.

**MSEd in Special Education - Childhood Special Education (Grades 1-6)**

**Childhood Special Education (Grades 1-6) (060C)**

Jane Sileo, coordinator, (845) 257-2835, sileoj@newpaltz.edu

Applicants with NYS Initial Certification in Childhood Education 1-6 will complete 36 credit hours of course work. Upon successful completion of the program, teacher candidates are eligible for NYS Education Department initial certification in Childhood Special Education 1-6.

**Admission Requirements**

You must submit:

- Evidence of initial certification in Childhood Education 1-6.
- One official transcript of all undergraduate and graduate work providing evidence of a baccalaureate degree from an accredited institution with at least a 3.0 cumulative grade point average on a 4.0 scale.
- Satisfactory performance on Graduate Record Exam (GRE).
- Describe your personal and professional experience that led you to apply to the New Paltz Special Education program. How do you see the New Paltz Special Education program helping you advance toward your professional goals? The response should be 300-400 words in length. The special education faculty will examine the writing sample with respect to content, clarity and organization of ideas, grammar, and style.
- Three letters of professional recommendation written on professional letterhead.

All letters must:

- Be dated and current;
- Address how long the writer has known you and in what capacity;
- Two letters should be written by faculty with whom you have taken a college level class. These letters of reference should address your academic performance and your ability to successfully complete a rigorous graduate program in Special Education. We prefer that these letters come from full-time faculty at a college or university.
- One letter should be written by one of the following individuals: a student teaching supervisor, a cooperating teacher, an administrator in a school, or a supervisor in an agency that is related to education. This letter of reference should address your ability to work with children.

**Application Deadlines**

<table>
<thead>
<tr>
<th>April 1</th>
<th>Fall and Summer Admission</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
</tbody>
</table>

**Curriculum Requirements**

The Childhood Special Education program consists of 36 credit hours, 30 credit hours are core courses and 6 credit hours are electives.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE700</td>
<td>Educating Special Learners</td>
<td>5</td>
</tr>
<tr>
<td>SPE701</td>
<td>Educational Assessment of Learners with Disabilities</td>
<td>5</td>
</tr>
<tr>
<td>SPE702</td>
<td>Teaching Math, Science and Technology in Inclusive Classrooms</td>
<td>3</td>
</tr>
<tr>
<td>SPE703</td>
<td>Research in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>SPE731</td>
<td>Literacy and Social Studies Inst. for Childhood Learners w/Disabilities</td>
<td>5</td>
</tr>
<tr>
<td>SPE732</td>
<td>Learning Environments for Childhood Learners with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPE733</td>
<td>Practicum in Childhood Special Education</td>
<td>6</td>
</tr>
</tbody>
</table>

**Elective Courses (6 Credits)**

- Select 3 credits of Electives in Diversity
- Select 3 credits of Electives in Collaboration

**Total Credits**

36

**Program Requirements**

- Complete the prescribed course work and other requirements within five years after matriculation.
- Maintain a cumulative grade point average of 3.0 or better, with no more than two grades below B-.

**Additional Requirements**

- This program is field-based. As a result, a significant amount of your teacher preparation program will be conducted in the professional field under supervision with students and cooperating teachers. The required practicum is offered during the spring and fall. Summer practicum is available to those meeting certain criteria. This is important to consider in planning your program since working in the field demands that you have time available to spend in schools,
Admission Requirements

- Evidence of initial certification in Early Childhood Education (B-2).
- One official transcript of all undergraduate and graduate work providing evidence of a baccalaureate degree from an accredited institution with at least a 3.0 cumulative grade point average on a 4.0 scale.
- Satisfactory performance on Graduate Record Exam (GRE).
- Describe your personal and professional experience that led you to apply to the New Paltz Special Education program. How do you see the New Paltz Special Education program helping you advance toward your professional goals? The response should be 300-400 words in length. The special education faculty will examine the writing sample with respect to content, clarity and organization of ideas, grammar, and style.
- Three letters of professional recommendation written on professional letterhead.
  All letters must:
  1. Be dated and current;
  2. Address how long the writer has known you and in what capacity;
  3. Two letters should be written by faculty with whom you have taken a college level class. These letters of reference should address your academic performance and your ability to successfully complete a rigorous graduate program in Special Education. We prefer that these letters come from full-time faculty at a college or university.
  4. One letter should be written by one of the following individuals: a student teaching supervisor, a cooperating teacher, an administrator in a school, or a supervisor in an agency that is related to education. This letter of reference should address your ability to work with young children.

Application Deadlines

<table>
<thead>
<tr>
<th></th>
<th>April 1</th>
<th>Fall and Summer Admission</th>
<th>November 1</th>
<th>Spring Admission</th>
</tr>
</thead>
</table>

Curriculum Requirements

The Early Childhood Special Education program consists of 36 credit hours, 33 credit hours are core courses and 3 credit hours are electives.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE700</td>
<td>Educating Special Learners</td>
<td>5</td>
</tr>
<tr>
<td>SPE701</td>
<td>Educational Assessment of Learners with Disabilities</td>
<td>5</td>
</tr>
<tr>
<td>SPE702</td>
<td>Teaching Math, Science and Technology in Inclusive Classrooms or EED716</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Science, Math, and Engineering for Young Children</td>
<td></td>
</tr>
<tr>
<td>SPE703</td>
<td>Research in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>SPE731</td>
<td>Literacy and Social Studies Inst. for Childhood Learners w/Disabilities</td>
<td>5</td>
</tr>
<tr>
<td>SPE732</td>
<td>Learning Environments for Childhood Learners with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPE753</td>
<td>Practicum in Early Childhood Special Education</td>
<td>6</td>
</tr>
<tr>
<td>SPE798</td>
<td>Young Children with Disabilities</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective Courses (3 Credits)

Select 3 credits of Electives in Diversity 3

Total Credits 36

Program Requirements

- Complete the prescribed course work and other requirements within five years after matriculation.
- Maintain a cumulative grade point average of 3.0 or better, with no more than two grades below B-.

Additional Requirements

- This program is field-based. As a result, a significant amount of your teacher preparation program will be conducted in the professional field under supervision with students and cooperating teachers. The required practicum is offered during the spring and fall. Summer practicum is available to those meeting certain criteria. This is important to consider in planning your program since working in the field demands that you have time available to spend in schools, clinics, and classrooms. This may necessitate an adjustment of your daily schedule. You must have a 3.0 average in graduate courses and no more than two courses with a B- in order to enroll in the practicum course, SPE753.
- Deadlines for practicum application forms are available in the Educational Studies Office, Old Main Building 108.

Graduation Requirements

- Certification Exam
- In order for SUNY New Paltz to recommend a student for certification you must pass the Students with Disabilities Content Specialty Test.

MSEd in Special Education - Early Childhood Special Education (Birth-Grade 2)

Early Childhood Special Education (Birth – Grade 2) (060E)

Jane Sileo, coordinator, (845) 257-2835, sileo@newpaltz.edu

Applicants with NYS Initial Certification in Early Childhood Education (B-2) will complete 36 credit hours of course work. Upon successful completion of the program, teacher candidates are eligible for NYS Department Initial certification in Early Childhood Special Education B-2.

Admission Requirements

- Deadlines for practicum application forms are available in the Educational Studies Office, Old Main Building 108.

Graduation Requirements

- Certification Exam
ADVANCE YOUR TEACHING CAREER

Already have a master’s degree?
Enhance your marketability with one of our Advanced Certificates.

Advanced Certificate in School Leadership
The Certificate of Advanced Study program in School Leadership (p. 49) is designed to prepare caring, critical, and reflective professionals to succeed as school leaders. The program leads to professional NYS certification as a School Building Leader and School District Leader and has been updated to better serve working teachers and other education professionals.

Advanced Certificate in Multicultural Education
The 15-credit Advanced Certificate in Multicultural Education (p. 50) is designed for teachers and other educational professionals who are interested in enhancing their cultural competencies. This post-master's certificate program provides educators with the knowledge and skills needed for culturally-responsive teaching and leadership, as well as, approaches for creating socially-just educational settings. This program does not lead to a NYS teaching certificate.

Advanced Certificate in Teaching English to Speakers of Other Languages
This clinically-rich Advanced Certificate in Teaching English to Speakers of Other Languages (http://catalog.newpaltz.edu/graduate/education/second-language-education/advanced-certificate-tesol/#text) is designed for initially and professionally NYS#certified teachers who have an interest in working with multilingual learners. This convenient program allows teachers to complete fieldwork in their own classrooms, assigns a mentor teacher in their building, offers classes on Saturdays, and leads to NYS certification in teaching English to Speakers of Other Languages (ESOL) all grades.

Certificate of Advanced Study: School Leadership - Joint School Building Leader

Admission Requirements

- One official copy of all undergraduate and graduate course work; both the baccalaureate and master’s transcripts should be from regionally accredited institutions with a minimum 3.0 cumulative grade point average at the graduate level.
- A valid permanent/professional New York State teaching certificate.
- Three letters of recommendation from practicing school administrators.
- Proof from the school district of at least three years teaching experience prior to graduation.
- A completed graduate application.

Curriculum Requirements (401A)
(Master’s degree + 30 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master's (30 Credits)</td>
<td>Upon matriculation, work with your advisor to identify and transfer up to 30 credits from master's degree.</td>
<td>30</td>
</tr>
<tr>
<td>Required Courses (24 Credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDA763</td>
<td>Educational Supervision and Accountability</td>
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</tr>
<tr>
<td>EDA793</td>
<td>Ed Admin Selected Topic</td>
<td>3</td>
</tr>
<tr>
<td>EDA769</td>
<td>The Principalship</td>
<td>3</td>
</tr>
<tr>
<td>EDA772</td>
<td>Administrative Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>EDA789</td>
<td>The Superintendency</td>
<td>3</td>
</tr>
<tr>
<td>EDA784</td>
<td>Curriculum Development for Administrators</td>
<td>3</td>
</tr>
<tr>
<td>EDA776</td>
<td>Finance and Revenue Management</td>
<td>3</td>
</tr>
<tr>
<td>EDA775</td>
<td>New York State Education Law and Policy</td>
<td>3</td>
</tr>
</tbody>
</table>

Internship in Educational Administration (6 Credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDA701</td>
<td>Internship in Educational Administration and Supervision</td>
<td>6</td>
</tr>
<tr>
<td>or EDA702</td>
<td>Internship In Educational Administration and Supervision II</td>
<td>6</td>
</tr>
</tbody>
</table>

Total Credits | 60

Program Requirements

- File a “plan of study” with your assigned advisor within 90 days after matriculation. Matriculation must be completed prior to completing 6 credits.
- Complete prescribed course work and other requirements within five years of matriculation.
- Maintain a cumulative grade point average of 3.0 or better, with no more than two grades below B-.
- Complete an approved Child Abuse Seminar.
- Complete an approved S.A.V.E. Seminar (Those who take EDA775 will have satisfied the state's requirements.)
- Passing of appropriate State Education Department leadership exam(s).

Upon completion of the CAS program and passing of SED exam(s), the College will recommend the candidate to the State Education Department for certification. The State Education Department grants certificates in September and February for those who apply through New Paltz.

Internship

SBL/SDL Intern: Student must complete the three core courses and one additional administrative elective course (under advisement) before applying for the internship.

All students applying for an Internship must submit the Internship Proposal Application to the department by the posted deadline (May 1st for Fall Semester Internship; December 1st for Spring Semester Internship). Prospective intern candidates will be notified by the Intern Coordinator regarding deficiencies or acceptance.
Advanced Graduate Certificate in Multicultural Education

Multicultural Education (071)

Shannon McManimon, (845) 257-2828, mcmanims@newpaltz.edu

The Office of Graduate & Extended Learning offers a post-master’s advanced certificate program in Multicultural Education. This 15-credit program is designed for childhood, adolescence and special subject teachers, as well as school guidance counselors and administrators who are interested in enhancing their cultural competencies in multicultural education.

Designed for professionals who already have their master’s degree, this certificate program enables educators to understand the ways in which race, gender, class, language, sexual orientation, religion, and physical/learning ability influence them as professionals, their students, and the educational process. In addition, it provides educators with the knowledge and skills needed for culturally-responsive teaching and leadership, and approaches for creating socially-just educational settings.

Admission Requirements

Applicants must submit:

- Evidence of interest in multicultural/social justice education.
- An official copy of all graduate transcripts indicating evidence of a master’s degree in education from an accredited institution with at least a 3.0 cumulative grade point average.
- Contact information for two school district officials, administrators, or colleagues who have agreed to provide a letter of recommendation.
- A 2-3 page personal essay describing your current educational initiatives in multicultural/diversity education and/or your goals for future endeavors for fostering greater appreciation of diversity in your classroom and school.

Online applications must be completed by:

November 1st Spring admission
April 1st Fall admission

Upon receipt of a completed application, the applicant will be contacted to schedule an interview with Dr. Nancy Schniedewind or Dr. Shannon McManimon to complete the application process.

Curriculum Requirements / 15 credits

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introductory Course (3 Credits)</td>
<td>EDS581</td>
<td>Issues of Racism and Sexism in Education</td>
</tr>
<tr>
<td>Multicultural Education Electives (9 Credits)</td>
<td>Select 9 credits from the following:</td>
<td>9</td>
</tr>
<tr>
<td>Theoretical:</td>
<td>EDS537</td>
<td>Issues in Multicultural Education</td>
</tr>
<tr>
<td></td>
<td>EDS549</td>
<td>Issues in Literacy for Diverse Learners</td>
</tr>
<tr>
<td></td>
<td>SPE572</td>
<td>Tchg. Learners of Culturally/Linguistically Diverse Backgrounds</td>
</tr>
<tr>
<td></td>
<td>EDS753</td>
<td>Leadership in Education and Human Service Settings</td>
</tr>
</tbody>
</table>
| Capstone Course (3 Credits)                        | EDS793  | Ed Studies Selected Topics | 3
| Total Credits                                     |         | 15 |

Note: Graduate courses taken prior to admission to the Certificate Program cannot be applied to students’ plans of study for this program. All graduate courses will be taken at SUNY New Paltz.

Program Requirements

Students complete 15 graduate credits of course work which include a 3-credit introductory course, 9 credits of electives, and a 3-credit capstone course, and must achieve a 3.0 cumulative grade point average. At the completion of the program, a Certificate in Multicultural Education will be granted by the State University of New York at New Paltz.

Note: Graduate courses taken prior to admission to the Certificate Program cannot be applied to students’ plans of study for this program. All graduate courses will be taken at SUNY New Paltz.
BROADEN YOUR OPPORTUNITIES

Three Ways To Engage With English

MA English

Work with Dedicated Faculty

Students in our MA English program (p. 51) value the close mentorship they receive from our faculty, the camaraderie of the graduate student community, and the passionate discussion and thought they find in intimate graduate seminars—all of our courses enroll 15 or fewer students.

MA English/MAT English Education

Broaden Your Teaching Career

This dual master’s degree program (p. 52) prepares students with a pedagogical foundation in adolescence education while also offering a thorough grounding in literary history and theory in preparation for careers in secondary or community college teaching, and other professional opportunities. Students must already be enrolled in MA English or MAT Adolescence Education programs before applying to the MA/MAT program.

BA/MA English

Join a Select Cohort

A community of BA/MA English (p. 52) students who are passionate about learning, prepared for an advanced curriculum and seeking to work alongside peers who are similarly engaged. Students must maintain a 3.5 GPA in undergraduate English courses to qualify.

MA in English

A Master of Arts (MA) degree in English can be a passport to any number of careers where employers value communication and research skills, proficiency with digital technologies, and the ability to think critically to solve complex programs. Our MA English alumni work in publishing, journalism, education, marketing, law and politics, among other fields.

Admission Requirements

- One official copy of a baccalaureate transcript from a regionally accredited institution with at least 36 credits in English, exclusive of freshman composition. (Applicants who present fewer than 36 undergraduate credits in English may remedy this deficiency by taking additional courses as recommended by the English graduate committee.)
- A 3.0 overall cumulative undergraduate grade point average. (Applicants whose undergraduate grade point average in English is less than 3.0 may be admitted on the basis of GRE scores.)
- A sample of the applicant’s critical writing, either one or two essays totaling about 10 pages in length.
- Three letters of recommendation
- International applicants must provide an internet-based TOEFL score of at least 85. GREs are recommended.

Curriculum Requirements

All course selection is done in consultation with a faculty advisor.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select three courses of Literature Before 1800</td>
<td>9</td>
</tr>
<tr>
<td>ENG501</td>
<td>Introduction to Old English</td>
<td></td>
</tr>
<tr>
<td>ENG504</td>
<td>English Literature of the Sixteenth Century</td>
<td></td>
</tr>
<tr>
<td>ENG505</td>
<td>Shakespeare</td>
<td></td>
</tr>
<tr>
<td>ENG506</td>
<td>English Drama through the Jacobean Period</td>
<td></td>
</tr>
<tr>
<td>ENG507</td>
<td>English Literature of the Seventeenth Century</td>
<td></td>
</tr>
<tr>
<td>ENG508</td>
<td>Milton</td>
<td></td>
</tr>
<tr>
<td>ENG560</td>
<td>Forms of Autobiography</td>
<td>1</td>
</tr>
<tr>
<td>ENG572</td>
<td>Studies in Middle English Literature</td>
<td></td>
</tr>
<tr>
<td>ENG573</td>
<td>Studies in Sixteenth-Century English Literature</td>
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<tr>
<td>ENG575</td>
<td>Studies in Seventeenth-Century English Literature</td>
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</tr>
<tr>
<td>ENG576</td>
<td>Studies in Eighteenth-Century English Literature</td>
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</tr>
<tr>
<td>ENG577</td>
<td>Studies in English Romanticism</td>
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<tr>
<td>ENG578</td>
<td>Studies in Contemporary Literature</td>
<td></td>
</tr>
<tr>
<td>ENG588</td>
<td>From Gutenberg to Google Books: Studies in Books, Readers, and Culture</td>
<td></td>
</tr>
<tr>
<td>ENG589</td>
<td>English Selected Topic</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Select three courses in Literature After 1800</td>
<td>9</td>
</tr>
<tr>
<td>ENG522</td>
<td>Modernity and Modernism in Britain</td>
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<tr>
<td>ENG524</td>
<td>Virginia Woolf</td>
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<td>ENG525</td>
<td>Postmodern Literature</td>
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<tr>
<td>ENG526</td>
<td>Twenty-First Century Literature</td>
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<tr>
<td>ENG536</td>
<td>American Fiction in the Twentieth Century to 1945 Annual/Fall</td>
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<tr>
<td>ENG537</td>
<td>American Poetry in the Twentieth Century to 1945</td>
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<tr>
<td>ENG560</td>
<td>Forms of Autobiography</td>
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</tr>
<tr>
<td>ENG577</td>
<td>Studies in English Romanticism</td>
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<tr>
<td>ENG578</td>
<td>Studies in Victorian Literature</td>
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</tr>
<tr>
<td>ENG588</td>
<td>Studies in Comparative Literature</td>
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<tr>
<td>ENG579</td>
<td>Studies in Nineteenth-Century American Literature</td>
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<td>ENG581</td>
<td>Studies in Twentieth-Century American Fiction to 1945</td>
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<tr>
<td>ENG583</td>
<td>Studies in Twentieth-Century British Literature</td>
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<tr>
<td>ENG586</td>
<td>Studies in Contemporary Literature</td>
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<tr>
<td>ENG589</td>
<td>From Gutenberg to Google Books: Studies in Books, Readers, and Culture</td>
<td></td>
</tr>
</tbody>
</table>

Literary Criticism and Theory 3

ENG585 Studies in Contemporary Criticism and Theory

Select three electives - to be chosen in consultation with your Advisor. 9

Culminating Experience

ENG599 Graduate Comprehensive Exam Registration 2

Total Credits 30

1 If pre-1800 texts are the majority.
2 The Comprehensive Exam may also be fulfilled by a “culminating experience” as approved by the Director of Graduate Studies.

NOTE: The Thesis in English (ENG590) is an optional course which may be used to fulfill pre-1800, post-1800 or elective categories.
For a complete listing of graduate-level English courses, please visit: https://catalog.newpaltz.edu/graduate/course-descriptions/eng/

No more than six credits may be transferred from another institution. No more than six credits taken before admission to the MA program may be credited to the degree.

Assistantships
Teaching Assistantships are available for students in the MA program. The Assistantship pays a stipend plus tuition for two graduate English courses per semester; recipients of the Assistantship teach one section of Composition and enroll in two graduate English courses per semester. Teaching Assistants are supported through a maximum of 33 credits. Modern Theories of Writing, ENGS15, is required and is usually taken in the first semester of the Assistantship. Applications are made through the English Department office.

A limited number of other stipendiary positions are sometimes available within the English Department and elsewhere on campus. Check regularly with the English Department to learn of these opportunities.

Program Requirements
- Complete prescribed course work within seven years after matriculation.
- Maintain a cumulative grade point average of 3.0 or better, with no more than two grades below B-.
- Satisfactory performance on the English Department’s comprehensive examination or approved culminating experience.

MA/MAT in English
Our joint MA/MAT program is designed for students who wish to have the benefits of additional graduate study in English through the MA program and who wish to earn a New York State teaching credential (grades 7-12, English) through the MAT program.

The program is open to graduate students matriculated in the MA English or the MAT Adolescence Education: English program in good academic standing with a minimum 3.0 GPA without any grades of F (fail) or I (incomplete). Students are able to share 9 credits of English between the two degree programs and save more than $4000 in tuition.

For program information contact:
Dr. Cyrus Mulready, Graduate Program Director, Department of English
Dr. Mary Sawyer, Associate Professor, Department of Teaching & Learning

For admission information contact:
Graduate & Extended Learning at gradstudies@newpaltz.edu

To Apply, students must:
1. Select the term when they plan to begin their second graduate degree program. For example, if students plan to graduate in May 2019, then they should select Fall 2019 as their entry term for the second degree.
2. Select the MA/MAT concentration code of their second graduate degree program

BA + MA in English
The Five-Year Master Plan is a pathway to earning two powerful credentials, a Bachelor of Arts (BA) degree and a Master of Arts (MA) degree, in just five years. The BA/MA program in English is designed to provide a clear path for New Paltz students majoring in English Liberal Arts or Creative Writing to complete the MA degree in one year. Students in this program begin taking graduate courses during the senior year earning ten credits of graduate course work by the time they complete their BA degree. They are then able to complete the MA degree requirements by enrolling in ten credits during the subsequent fall and spring terms.

How does it work?
QUALIFY for early admission as junior majoring in English or Creative Writing by earning a 3.5 GPA in English courses and completing ENG 300 Seminar in Critical Practices.

APPLY online to the BA/MA program in English (major 204M) during the junior year via the Graduate Studies section of my.newpaltz.edu.

UPLOAD a personal statement explaining interest in the 4+1 program, a writing sample of no longer than 10 pages, contact information for two references (one of which must be from the English Department), and an unofficial transcript.

GET AHEAD by completing ten credits of graduate course work during the senior year and enjoy a tuition savings of $175/credit.

COMPLETE the MA degree program requirements in just one year.
During the junior year, students should meet with Professor Mulready to prepare for their graduate application:

**Application Procedures**
- Log into my.newpaltz.edu and select “Apply Now!” under the “Graduate Studies” section.
- Select the fall term when you would like to begin your graduate coursework and major code (204M).
  **NOTE:** this program only admits for the fall term.
- Select “4+1 BA/MA English Program” as the intended curriculum.

**Upload Checklist Items**
To expedite a faculty review of an application, students may upload the following items:
- Personal statement explaining your interest in the 4+1 program in English
- Writing sample of no more than 10 pages in length
- Contact information for two references (one of which must be from the English Department)
- Student copies of transcripts* from every college/university attended
- Full admission REQUIRES the submission of official transcripts and test scores.

**Check Your Application Status**
- Check your application status via my.newpaltz.edu by selecting “View Application” under the “Graduate Studies” section.

Upon admission to the BA/MA program in English, the student’s undergraduate major code will be updated to 522M to reflect admission to the BA/MA Program in English. And, a new progress report will become available via my.newpaltz.edu reflecting 10 credits of graduate courses from the MA English plan below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 551</td>
<td>Academic Writing Seminar</td>
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<tr>
<td>ENG 552</td>
<td>Advanced Research Methods</td>
<td>1</td>
</tr>
<tr>
<td>ENG 553</td>
<td>Career Seminar</td>
<td>1</td>
</tr>
<tr>
<td>THREE</td>
<td>courses in Literature BEFORE 1800</td>
<td>9</td>
</tr>
<tr>
<td>THREE</td>
<td>courses in Literature AFTER 1800</td>
<td>9</td>
</tr>
<tr>
<td>ONE course</td>
<td>in Literary Criticism and Theory with advisor approval:</td>
<td>3</td>
</tr>
<tr>
<td>ENG 555</td>
<td>or ENG 585</td>
<td></td>
</tr>
<tr>
<td>Select TWO</td>
<td>electives with approval from advisor</td>
<td>6</td>
</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>30</td>
</tr>
</tbody>
</table>
BECOME A COUNSELOR, THERAPIST OR RESEARCHER

Counselor Education
MS Clinical Mental Health Counseling (p. 54)
MS School Counseling (p. 55)
Adv Cert Mental Health Counseling (p. 57)
Adv Cert Trauma & Disaster Mental Health (p. 58)

Therapeutic Professions
MS Communication Disorders (p. 59)
Speech Pathology
Speech Language Disabilities
MS Music Therapy (p. 66)

Research-focused Professions
MS Psychological Science (p. 70)

MS in Clinical Mental Health Counseling

(293)

(845) 257-3467 or (845) 257-3470
http://www.newpaltz.edu/psychology/counseling-graduate/mental_admission.html

The 60-credit Master of Science in Clinical Mental Health Counseling serves both students looking to become licensed as mental health counselors and those seeking to eventually proceed into doctoral programs. The curriculum covers mental health counseling practice and research, in addition to necessary coursework in human growth and development, social and cultural foundations, helping relationships, group work, career and lifestyle development, appraisal, research and program development, and professional orientation. Practicum and internship experiences provide unique, varied, and intense hands-on mental health counseling training experiences under supervision of licensed professionals.

The degree is registered with the New York State Education Department (NYSED) (http://www.nysed.gov) as meeting the educational requirements for mental health counseling licensure in New York (http://www.op.nysed.gov/prof/mhp/mhclic.htm).

The M.S. in mental health counseling degree can be completed full time in two years (p. 54), including summer classes. Students may attend part time (p. 55), but all degree requirements must be completed within five years after admission to degree candidacy.

Admission Requirements

The Counseling Graduate Programs’ Admissions Committee reviews applications. Please prepare the following items for inclusion in the online application process:

- Baccalaureate degree from an accredited institution
- Minimum grade point average of 3.0 for all undergraduate work or strong evidence of recent academic achievement.
- Successful completion of 9 undergraduate credits in the social sciences, including courses in inferential statistics and research methods.
- Satisfactory scores on the Graduate Record Examination (General test), preferably a combined verbal and quantitative score of 300.
- One official copy of transcripts of all undergraduate and graduate work.
- Contact information for three individuals who have agreed to provide letters of recommendation.
- International students must meet these additional requirements for admission: http://www.newpaltz.edu/graduate/students/international/
- Please send OFFICIAL transcripts and GRE score reports to:

The Office of Graduate & Extended Learning, OM 127
SUNY New Paltz
800 Hawk Drive
New Paltz, New York 12561-2442

Application Deadline
The M.S. in Clinical Mental Health Counseling degree only admits students for the fall semester. Application review begins February 1 and continues until the class is filled.

This program leads to NYS licensure as a mental health counselor and can be completed full-time in two years, including summer classes:

Two Year Study Plan

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fall</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COU501</td>
<td>Ethics and Professional Identity in Mental Health Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COU510</td>
<td>Counseling Theories</td>
<td>3</td>
</tr>
<tr>
<td>COU515</td>
<td>Counseling Skills</td>
<td>3</td>
</tr>
<tr>
<td>COU520</td>
<td>Career Development, Counseling, and Assessment</td>
<td>3</td>
</tr>
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</table>

Credits 12

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Spring</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COU505</td>
<td>Professional Roles in Mental Health Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COU540</td>
<td>Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>COU545</td>
<td>Group Dynamics and Counseling</td>
<td>3</td>
</tr>
</tbody>
</table>

Plus, one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COU530 or COU565</td>
<td>Practicum in Mental Health Counseling or Disaster Counseling and Crisis Intervention</td>
<td>3</td>
</tr>
</tbody>
</table>

Credits 12

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Summer</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COU570</td>
<td>Substance Use and Addictions Counseling</td>
<td>3</td>
</tr>
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</table>

Plus, one of the following:
### Three Year Study Plan

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td></td>
</tr>
<tr>
<td>COU501</td>
<td>Ethics and Professional Identity in Mental Health Counseling</td>
</tr>
<tr>
<td>COU510</td>
<td>Counseling Theories</td>
</tr>
<tr>
<td>COU515</td>
<td>Counseling Skills</td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
</tr>
<tr>
<td>COU505</td>
<td>Professional Roles in Mental Health Counseling</td>
</tr>
<tr>
<td>COU540</td>
<td>Psychopathology</td>
</tr>
<tr>
<td>COU545</td>
<td>Group Dynamics and Counseling</td>
</tr>
<tr>
<td><strong>Summer</strong></td>
<td></td>
</tr>
<tr>
<td>COU565</td>
<td>Disaster Counseling and Crisis Intervention</td>
</tr>
<tr>
<td>COU570</td>
<td>Substance Use and Addictions Counseling</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>60</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td></td>
</tr>
<tr>
<td>COU525</td>
<td>Multicultural Counseling</td>
</tr>
<tr>
<td>COU575</td>
<td>Human Growth and Development</td>
</tr>
<tr>
<td>COU550</td>
<td>Couple and Family Counseling</td>
</tr>
<tr>
<td>COU610</td>
<td>Research Methods and Program Evaluation</td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
</tr>
<tr>
<td>COU771</td>
<td>Internship in Mental Health Counseling 1</td>
</tr>
<tr>
<td>COU555</td>
<td>Assessment</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td></td>
</tr>
<tr>
<td>COU771</td>
<td>Internship in Mental Health Counseling 2</td>
</tr>
<tr>
<td>COU585</td>
<td>Contemporary Issues in Counseling 1</td>
</tr>
<tr>
<td>COU550</td>
<td>Couple and Family Counseling</td>
</tr>
<tr>
<td>COU610</td>
<td>Research Methods and Program Evaluation</td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
</tr>
<tr>
<td>COU772</td>
<td>Internship in Mental Health Counseling 2</td>
</tr>
<tr>
<td>COU585</td>
<td>Contemporary Issues in Counseling 1</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>6</td>
</tr>
</tbody>
</table>

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**Academic Good Standing, Transfer Credits, and Degree Deadline**

- Students must maintain an average grade of B in graduate-level courses.
- The Counselor Education Graduate Program may accept up to nine credits of graduate work taken elsewhere in which a grade of B or better was earned.
- All degree requirements must be completed within five years after admission to degree candidacy.

**Assistantships**

Teaching assistantships are available to selected students each year. Current stipends are $5,000 per year plus a six-credit tuition scholarship per semester. Assistantship duties involve assisting in faculty teaching. Inquiries should be addressed to the Director of the Counselor Education Graduate Program. Other financial support is available to selected students each year in positions such as:

- Assistant in the Office of Psychology and Counseling Graduate Programs,
- Academic Advisor to undergraduate psychology students,
- Graduate Intern at the Career Advising and Development Center, and
- Technical Assistant at the Disability Resource Center.

For further information, contact the Office for Psychology and Counselor Education Graduate Programs.

**MS in School Counseling**  
(295)  
(845) 257-3467 or (845) 257-3470
http://www.newpaltz.edu/psychology/counseling-graduate-program/mental_degree.html

The 60-credit Master of Science in School Counseling prepares students for certification as school counselors. The degree includes a core curriculum and specialization courses. The curriculum covers school counseling practice and research, in addition to necessary coursework in human growth and development, social and cultural foundations, helping relationships, group work, career and lifestyle development, appraisal, research and program development, and professional orientation. Practicum and internship experiences provide unique, varied, and intense hands-on school counseling training experiences that meet state certification requirements.

The degree satisfies New York State educational requirements for both provisional/permanent and initial/professional certification in school counseling, with SUNY New Paltz recommending graduates for certification. Detailed information on the certification of school counselors in New York is available from the State Education Department (SED) at http://www.highered.nysed.gov/tcert.

The degree can be completed full-time in two years (p. 56), including summer classes. Students may attend part-time (p. 56), but all degree requirements must be completed within five years after admission to degree candidacy.

Admission Requirements
The Counseling Graduate Programs’ Admissions Committee reviews applications. Please prepare the following items for inclusion in the online application process:

- Baccalaureate degree from an accredited institution
- Minimum grade point average of 3.0 for all undergraduate work or strong evidence of recent academic achievement.
- Successful completion of 9 undergraduate credits in the social sciences, including courses in inferential statistics and research methods.
- Satisfactory scores on the Graduate Record Examination (General test), preferably a combined verbal and quantitative score of 300.
- One official copy of transcripts of all undergraduate and graduate work.
- Contact information for three individuals who have agreed to provide letters of recommendation.
- International students must meet these additional requirements for admission: http://www.newpaltz.edu/graduate/students/international/
- Please send OFFICIAL transcripts and GRE score reports to:

  The Office of Graduate & Extended Learning, OM 127
  SUNY New Paltz
  800 Hawk Drive
  New Paltz, New York 12561-2442

Application Deadline
The M.S. in School Counseling degree only admits students for the fall semester. Application review begins February 1 and continues until the class is filled.

This 60 credit program leads to NYS certification as a school counselor and can be completed full-time in two years, including summer classes:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>COU501</td>
<td>Ethics and Professional Identity in Mental Health Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COU510</td>
<td>Counseling Theories</td>
<td>3</td>
</tr>
<tr>
<td>COU515</td>
<td>Counseling Skills</td>
<td>3</td>
</tr>
<tr>
<td>COU520</td>
<td>Career Development, Counseling, and Assessment</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Credits</td>
<td>12</td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COU505</td>
<td>Professional Roles in Mental Health Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COU535</td>
<td>Practicum in School Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COU540</td>
<td>Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>COU545</td>
<td>Group Dynamics and Counseling</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Credits</td>
<td>12</td>
</tr>
<tr>
<td>Summer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPE565</td>
<td>Teaching in Inclusive Classrooms</td>
<td>3</td>
</tr>
<tr>
<td>COU565</td>
<td>Disaster Counseling and Crisis Intervention</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Credits</td>
<td>6</td>
</tr>
<tr>
<td>Year 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COU525</td>
<td>Multicultural Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COU575</td>
<td>Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>COU781</td>
<td>Internship in School Counseling 1</td>
<td>3</td>
</tr>
<tr>
<td>COU555</td>
<td>Assessment</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Credits</td>
<td>12</td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COU550</td>
<td>Couple and Family Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COU610</td>
<td>Research Methods and Program Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>COU782</td>
<td>Internship in School Counseling 2</td>
<td>3</td>
</tr>
<tr>
<td>Elective Course</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Credits</td>
<td>12</td>
</tr>
<tr>
<td>Summer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COU570</td>
<td>Substance Use and Addictions Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COU585</td>
<td>Contemporary Issues in Counseling</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Credits</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Total Credits</td>
<td>60</td>
</tr>
</tbody>
</table>

This program leads to NYS certification as a school counselor and can be completed on a part-time basis in three years, including summer classes:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COU501</td>
<td>Ethics and Professional Identity in Mental Health Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COU510</td>
<td>Counseling Theories</td>
<td>3</td>
</tr>
<tr>
<td>COU515</td>
<td>Counseling Skills</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Credits</td>
<td>9</td>
</tr>
</tbody>
</table>
Spring
COU505  Professional Roles in Mental Health Counseling  3
COU540  Psychopathology  3
COU545  Group Dynamics and Counseling  3
Credits  9

Summer
SPE565  Teaching in Inclusive Classrooms  3
COU565  Disaster Counseling and Crisis Intervention  3
Credits  6

Year 2
Fall
COU525  Multicultural Counseling  3
COU575  Human Growth and Development  3
COU520  Career Development, Counseling, and Assessment  3
Credits  9

Spring
COU535  Practicum in School Counseling  3
COU550  Couple and Family Counseling  3
COU610  Research Methods and Program Evaluation  3
Credits  9

Summer
COU570  Substance Use and Addictions Counseling  3
COU85  Contemporary Issues in Counseling  3
Credits  6

Year 3
Fall
COU781  Internship in School Counseling  1  3
COU555  Assessment  3
Credits  6

Spring
COU782  Internship in School Counseling  2  3
Elective Course  3
Credits  6
Total Credits  60

Academic Good Standing, Transfer Credits, and Degree Deadline

- Students must maintain an average grade of B in graduate-level courses.
- The Counseling Graduate Program may accept up to nine credits of graduate work taken elsewhere in which a grade of B or better was earned.
- All degree requirements must be completed within five years after admission to degree candidacy.

Assistantships

Teaching assistantships are available to selected students each year. Current stipends are $5,000 per year plus a six-credit tuition scholarship per semester. Assistantship duties involve assisting in faculty teaching. Inquiries should be addressed to the Director of the Counseling Graduate Program. Other financial support is available to selected students each year in positions such as: Assistant in the Office of Psychology and Counseling Graduate Programs, Academic Advisor to undergraduate psychology students, Graduate Intern at the Career Advising and Development Center, and Technical Assistant at the Disability Resource Center. For further information, contact the Office for Psychology and Counseling Graduate Programs.

Advanced Certificate in Mental Health Counseling

(291)
(845) 257-3467 or (845) 257-3470
https://www.newpaltz.edu/psychology/counseling-graduate/

Program Coordinator: Dr. Melanie Hill

The 24-credit advanced certificate in mental health counseling is a bridge program that addresses the needs of two distinct cohorts, both requiring supplemental coursework and training to qualify for licensure as mental health counselors in New York State. Students with 36- or 48-credit degrees in mental health counseling will accrue the additional credits needed to meet the 60-credit education requirement for licensure, while those with 36-60-credit degrees in other areas of counseling (or a closely related helping-professions discipline) will acquire the specialized courses and fieldwork necessary to retrain as mental health counselors. All students complete the 12-credit practicum/internship sequence (COU530, COU771, COU772), which includes more than 600 hours of supervised mental health counseling experience, plus 12 additional credits based on review of their prior graduate transcripts and identification of specific courses needed to fulfill licensure requirements. Admission to the program is in the fall (deadline February 1st) and in the spring (October 15th).

Consistent with the mission of the State University of New York at New Paltz, the advanced certificate program provides students with a challenging, student-centered, and personalized learning environment that enables them to gain the knowledge, skills, and confidence to contribute productively to their profession and communities. For those professionals interested in "retooling" within the broad field of counseling, the advanced certificate program facilitates mid-career changes in specialization to meet professional goals and local and regional needs.

Graduates of the SUNY New Paltz M.S. in School Counseling degree require only 18 credits to complete this advanced certificate.

Please prepare the following items for inclusion in the online application process:

- Evidence of a Master’s degree in counseling or closely related mental health field from a regionally accredited institution with a minimum grade point average of 3.0 for all graduate work including a grade of "B" in at least five (5) of the prerequisite courses below:
  - Counseling Theories
  - Counseling Skills
  - Career Development, Counseling & Assessment
  - Multicultural Counseling
  - Psychopathology
  - Group Dynamics & Counseling
  - Couple & Family Counseling

Assistantships

Teaching assistantships are available to selected students each year. Current stipends are $5,000 per year plus a six-credit tuition scholarship per semester. Assistantship duties involve assisting in faculty teaching. Inquiries should be addressed to the Director of the Counseling Graduate Program. Other financial support is available to selected students each year in positions such as: Assistant in the Office of Psychology and Counseling Graduate Programs, Academic Advisor to undergraduate psychology students, Graduate Intern at the Career Advising and Development Center, and Technical Assistant at the Disability Resource Center. For further information, contact the Office for Psychology and Counseling Graduate Programs.
• Assessment
• Human Growth & Development
• One official copy of transcripts of all undergraduate and graduate work.
• An admission essay which demonstrates how their academic, professional, and personal experiences make them strong candidates for re-specializing in mental health counseling.
• Contact information for three individuals who have agreed to provide letters of recommendation.
• International students must meet these additional requirements for admission: http://www.newpaltz.edu/graduate/students/international/
• Please send OFFICIAL transcripts to:
The Office of Graduate & Extended Learning, OM 127
SUNY New Paltz
800 Hawk Drive
New Paltz, New York 12561-2442

Application Deadline
Application review begins October 15 for Spring Admission and February 1 for Fall Admission and continues until the class is filled.

Applicants evaluated as having satisfactorily met the above requirements may be asked to interview as part of the admissions process.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses (9 Credits)</td>
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<tr>
<td>COU530</td>
<td>Practicum in Mental Health Counseling</td>
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</tr>
<tr>
<td>COU771</td>
<td>Internship in Mental Health Counseling 1</td>
<td>3</td>
</tr>
<tr>
<td>COU772</td>
<td>Internship in Mental Health Counseling 2</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives (9-15 Credits)
Select three-five courses from the list below. 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COU501</td>
<td>Ethics and Professional Identity in Mental Health Counseling</td>
<td></td>
</tr>
<tr>
<td>COU505</td>
<td>Professional Roles in Mental Health Counseling</td>
<td></td>
</tr>
<tr>
<td>COU510</td>
<td>Counseling Theories</td>
<td></td>
</tr>
<tr>
<td>COU515</td>
<td>Counseling Skills</td>
<td></td>
</tr>
<tr>
<td>COU520</td>
<td>Career Development, Counseling, and Assessment</td>
<td></td>
</tr>
<tr>
<td>COU525</td>
<td>Multicultural Counseling</td>
<td></td>
</tr>
<tr>
<td>COU540</td>
<td>Psychopathology</td>
<td></td>
</tr>
<tr>
<td>COU545</td>
<td>Group Dynamics and Counseling</td>
<td></td>
</tr>
<tr>
<td>COU550</td>
<td>Couple and Family Counseling</td>
<td></td>
</tr>
<tr>
<td>COU555</td>
<td>Assessment</td>
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<tr>
<td>COU565</td>
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<tr>
<td>COU570</td>
<td>Substance Use and Addictions Counseling</td>
<td></td>
</tr>
<tr>
<td>COU575</td>
<td>Human Growth and Development</td>
<td></td>
</tr>
<tr>
<td>COU585</td>
<td>Contemporary Issues in Counseling</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 18-24

1 SUNY New Paltz MS School Counseling alumni only need to complete three courses (9-credits).

Advanced Certificate in Trauma and Disaster Mental Health
(292) (Online Program)
(845) 257-2333
http://www.newpaltz.edu/idmh/grad.html

Program Coordinator: Dr. Karla Vermeulen

The Advanced Certificate in Trauma and Disaster Mental Health consists of 15 credits: three required core courses (Disaster Mental Health; Evidence-Based Assessment and Treatment for Trauma; and Assessment and Interventions with Children, Adolescents, and Families), plus two electives to allow students to focus on populations of interest. All courses are entirely online with the exception of COU565, Disaster Mental Health, which involves one weekend on the New Paltz campus during the summer. The certificate can be completed within one year, or extended to accommodate the student's schedule.

The program is intended for two groups:

• Professionals who have already earned a Master of Arts, Master of Science, or higher degree in counseling, social work, or a related field
• Students who are currently enrolled in master’s- or doctoral-level counseling or social work program and who have already completed their first year of coursework or who can demonstrate completion of a graduate-level counseling theories and skills course

Matriculated students enrolled in the SUNY New Paltz M.S. in Clinical Mental Health Counseling and School Counseling programs may take up to three courses towards the Advanced Certificate in Trauma and Disaster Mental Health while enrolled, with those credits counting towards M.S. requirements. Following completion of their M.S., they may apply for the certificate program and take the remaining two courses to complete the Advanced Certificate.

Courses are taught by a combination of SUNY New Paltz faculty members who are affiliated with the Institute for Disaster Mental Health and by adjunct instructors with expertise in treating trauma in specific populations.

Admission Requirements
Minimum admission requirements are as follows:

1. One official copy of transcripts of all undergraduate and graduate course work.
2. Minimum cumulative grade point average of 3.0 for all undergraduate and graduate coursework.
3. Successful completion of a graduate-level counseling theories and skills course.
4. Completed online application.
5. Statement of professional goals.
6. Resume or CV (only required for applicants who have already earned an MA, MS or higher degree)

Curriculum Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>Required Courses (9 Credits)</td>
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<tr>
<td>COU565</td>
<td>Disaster Counseling and Crisis Intervention</td>
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</table>

1 SUNY New Paltz MS School Counseling alumni only need to complete three courses (9-credits).
COU561 Evidence-Based Assessment & Treatment of Traumatic Stress 3

COU562 Assessment and Interventions with Children, Adolescents, and Families 3

Electives (6 Credits)
Select two of the following: 6

- COU563 Assisting Veterans and First Responders 4
- COU566 Assisting Vulnerable Populations 4
- COU567 Grief, Loss and Bereavement 5

Total Credits 15

1. Hybrid, delivered during the summer: Seven weeks online plus one weekend on the New Paltz campus.
2. Online, delivered every Spring semester.
3. Online, delivered every Summer.
4. Online, delivered alternate Spring semesters.
5. Online, delivered every Fall semester.

Communication Disorders

(845) 257-3620

Master of Science in Communication Disorders (090S 090I)

The Master of Science in Communication Disorders at SUNY New Paltz is registered as licensure-qualifying in New York State and is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA) of the American Speech-Language-Hearing Association (ASHA), 2200 Research Boulevard #310, Rockville, Maryland 20850, 800-498-2071 or 301-296-5700. The program offers the following concentrations:

The program prepares students who have strong undergraduate backgrounds in Communication Disorders for a wide range of career opportunities and for doctoral study. There are two concentrations:

# Speech and Language Disabilities (64 credits) 090I
# Speech Language Pathology (61 credits) 090S

Both concentrations lead to eligibility for state licensure and ASHA certification in speech-language pathology. The concentration in Speech and Language Disabilities (090I) leads to a New York State teaching certificate as a Teacher of Students with Speech and Language Disabilities (initial TSSLD).

Graduate Programs in Communication Disorders

- MS in Communication Disorders - Speech and Language Disabilities Concentration (p. 63)
- MS in Communication Disorders - Speech-Language Pathology Concentration (p. 65)

CMD500. Orientation Practicum. 1 Credit.
Students will participate in an introductory graduate clinic. Graduate Clinicians will develop essential clinical practice skills. This course will provide students with scope of practice, prevention in SLP, implications of assessment, developing and modifying therapy plans (clinical decision-making), implementing therapy, data collection skills and clinical recommendations. Summer Session.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD501. Clinical Methods in Speech-Language Pathology 1. 2 Credits.
Therapeutic procedures in the management of disorders of oral communication. First-level direct clinical experience working with clients in individual therapy programs at the New Paltz Speech-Language and Hearing Center. Planning of long- and short-term goals, development of lesson plans, selection of appropriate materials and clinical procedures, use of clinical instrumentation, ongoing diagnosis, and accurate written reporting of these experiences.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD502. Clinical Methods in Speech Language Pathology 2. 2 Credits.
Therapeutic procedures in the management of communication disorders. Participation in the planning and procedures for SLP therapy including the evaluation of therapeutic progress.

Prerequisites:
- CMD 501 with a minimum grade of C-

Restrictions:
- Must have the following level: Graduate

CMD503. Practicum in Speech Language Pathology: On-Campus Summer. 2 Credits.
On-Campus Practicum Procedures used in the examination, diagnosis, and treatment of communication disorders are studied and applied under supervision. Each student will plan and carry out a program of treatment for persons with communication disorders. Students analyze their clinical performance, set goals for improvement, and evaluate their progress. May be repeated for credit.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)
CMD504. Phonological Disorders. 3 Credits.
Analysis of theories of speech sound acquisition and development over the lifespan, phonological processes and their impact on other language processes, and techniques for assessment and remediation of phonological disorders; phonetic transcription on linguistically different & disordered speech.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Speech and Lang Pathology (090S)
  • Communication Disorders Cert (790)
  • Speech and Lang Disabilities (090I)

CMD505. Child Language Disorders. 3 Credits.
An investigation of language pathologies, etiologies, assessment procedures and therapies for children.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD507. Seminar in Motor Speech Disorders. 3 Credits.
Etiology, diagnosis and clinical management of motor speech disorders.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD508. Neurophysiology of Speech and Language. 3 Credits.
Advanced study of the neuroanatomical structures and the neurological integrations necessary for speech, language and swallowing.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD509. Advanced Speech Science. 3 Credits.
Advanced overview of the relationships among speech production, the acoustic properties of the speech signal, and speech perception. Main topics include a review of anatomy and physiology of speech production, acoustic characteristics of vowels and consonants, acoustic cues for speech perception, and models of speech perception.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Communication Disorders Cert (790)
  • Communication Disorders (090)

CMD510. Professional Issues in Communication Disorders. 2 Credits.
Consideration of professional, ethical, and legal issues; structure of programs providing speech and language services in public schools and other settings; strategies for life-long learning and continuing professional development.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Communication Disorders Cert (790)
  • Communication Disorders (090)

CMD511. Aural Rehabilitation of Children and Adults. 3 Credits.
Social, emotional, and communicative impact of hearing impairment; (re)habilitation strategies for children including amplification, cochlear implants, auditory training, assistive technology and educational placement; rehabilitation strategies for adults including speech reading, auditory training and assistive technology; distance learning format.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Communication Disorders Cert (790)
  • Communication Disorders (090)

CMD512. Fluency Disorders. 3 Credits.
Modern theories, research findings and treatment methods related to the study of the nature, etiology and treatment of stuttering and other fluency disorders.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD513. Practicum in Speech Language Pathology: On-Campus. 1 Credit.
On-Campus Practicum Procedures used in the examination, diagnosis, and treatment of communication disorders are studied and applied under supervision. Each student will plan and carry out a program of treatment for persons with communication disorders. Students analyze their clinical performance, set goals for improvement, and evaluate their progress. May be repeated for credit.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)
CMD514. Practicum in Speech Language Pathology: Off-Campus Fall. 1-3 Credits.
Off-Campus Practicum Procedures used in the examination, diagnosis, and treatment of communication disorders are studied and applied under supervision. Each student will plan and carry out a program of treatment for persons with communication disorders. Students analyze their clinical performance, set goals for improvement, and evaluate their progress. May be repeated for credit.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD515. Practicum in Speech Language Pathology: Off-Campus Spring. 3 Credits.
Off-Campus Practicum Procedures used in the examination, diagnosis, and treatment of communication disorders are studied and applied under supervision. Each student will plan and carry out a program of treatment for persons with communication disorders. Students analyze their clinical performance, set goals for improvement, and evaluate their progress. May be repeated for credit.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD516. Adult Language Disorders. 3 Credits.
Nature and significance of language deficits and communicative disorders associated with aphasia, closed head injury, and dementia. Theoretical concepts and evaluative and therapeutic techniques are examined. Recent research findings analyzed.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD519. Swallowing Disorders . 4 Credits.
An introduction to the clinical and professional practice aspects of swallowing disorders, dysphagia, from the speech-language pathologist's perspective.
Prerequisites:
• CMD 508 with a minimum grade of C-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD520. Augmentative Communication Systems . 3 Credits.
Theory and practice of augmentative communication systems. Examines basic decision-making issues in the areas of assessment, device selection and intervention strategies for those unable to use speech as a primary mode of communication.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Communication Disorders Cert (790)
  • Communication Disorders (090)

CMD521. Early Intervention for Speech-Language Pathologists . 3 Credits.
A practical approach to early intervention and preschool special education as it relates to the speech-language pathologist: overview of federal and state regulations and their implementation; review of birth-five development across domains; multidisciplinary evaluations and treatment; documentation and record-keeping, service coordination; service provision in home, center, and inclusionary settings, and effective networking strategies.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Communication Disorders Cert (790)
  • Communication Disorders (090)

CMD522. Voice Disorders. 2 Credits.
Recent developments, research findings, and treatment methods related to the etiology and therapy of voice disorders.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD523. Language and Literacy Development . 3 Credits.
Explores the nature of language and literacy development and provides an introduction to modern theories, recent developments, research findings, and treatment methods related to language and literacy.
Restrictions:
• Must have the following level: Graduate

CMD524. Applied Language Sciences. 1 Credit.
Formal aspects of syntax and morphology as appropriate to the assessment and treatment of breakdowns in typical language production and comprehension. Syntactic terms used by language interventionists are reviewed and applied through practice exercises. Topics are addressed within the framework of Brown's stages of developmental expectations.
Restrictions:
• Must have the following level: Graduate

CMD525. Advanced Diagnosis of Speech and Language Disorders . 3 Credits.
Theoretical and practical application of the scientific method to the diagnosis of speech, language, and voice disorders in individuals.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)
CMD526. Diagnostic Practicum in SLP. 1 Credit.
Guided clinical practice in diagnostic procedures in speech and language in an on-campus clinical setting, toward meeting requirements for ASHA certification. May be repeated for credit up to 2 times.
Prerequisites:
• CMD 525 (may be taken concurrently) with a minimum grade of C-
Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD527. Practicum in Speech Language Pathology: Specialty Clinic. 1 Credit.
Speciality Clinic Procedures used in the examination, diagnosis, and treatment of communication disorders are studied and applied under supervision. Each student will plan and carry out a program of treatment for persons with communication disorders. Students analyze their clinical performance, set goals for improvement, and evaluate their progress. May be repeated for credit.
Restrictions:
• Must have the following level: Graduate
•Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD528. Practicum in Speech Language Pathology: Off-Campus Screenings. 1 Credit.
Off-Campus Screenings Procedures used in the examination, diagnosis, and treatment of communication disorders are studied and applied under supervision. Each student will plan and carry out a program of treatment for persons with communication disorders. Students analyze their clinical performance, set goals for improvement, and evaluate their progress. May be repeated for credit.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD529. Communication and Communication Disorders in Autism Spectrum Disorders. 3 Credits.
Designed to explore the nature of communication and communication disorders in autism spectrum disorders, emphasizing issues related to characteristics, diagnosis, etiology, and intervention of communication disorders across the lifespan.
Restrictions:
• Must have the following level: Graduate

CMD530. Practicum in Speech-Language Pathology in the Schools. 3 Credits.
Guided clinical practice in the therapeutic procedures for the prevention, assessment and management of communication disorders in an educational setting. Sufficient to meet requirements for initial New York State certification as Teachers of Students with Speech and Language Disabilities (TSSLD).
Prerequisites:
• CMD 501 and CMD 503 and CMD 506 and CMD 525 with a minimum grade of C- and CMD 526
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD532. Clinical Instrumentation Laboratory. 1 Credit.
Principals of assessment of speech and voice, including physiologic, acoustic, and perceptual measures. Students will acquire practical experience in performing voice assessments and in interpreting and reporting the results.
Prerequisites:
• CMD 509 with a minimum grade of C-
Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD550. Research Methods and Evidence Based Practice 1. 2 Credits.
The first of two research courses that introduce the research process, research techniques and research sources. Dual goals of the course are the enable students to write effective research proposals for questions they desire to answer and to understand and critically evaluate research reports they read.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD551. Research Methods and Evidence Based Practice 2. 2 Credits.
One of two research courses that expand students’ knowledge on the research process, research techniques and research sources. Dual goals of the course are to enable students to write effective research proposals for questions they desire to answer and critically evaluate reports they read.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD553. Research Practicum. 1 Credit.
A mentored forum for students to refine their own research interests while participating in clinical and non-clinical research specific to Communication Disorders. May be repeated for credit up to three times.
CMD570. Diagnostic Audiology Practicum for the SLP. 1 Credit.
Students will be introduced to diagnostic audiological environment and develop skills commensurate with Scope of Practice for Speech Language Pathologist (ASHA Legislative Council on September 2, 2007, LC 09-07). Student will engage with patient in audiological evaluation techniques with specific focus on aural rehabilitation. Basic evaluation interpretation in a strictly supervised setting.

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD593. Communication Disorders Selected Topic. 1-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

Restrictions:
• Must have the following level: Graduate

CMD595. Indep Study Communication Disorders. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

CMD599. Comprehensive Exam Workshop. 0 Credits.
Non-credit workshop for students who wish to devote the semester immediately following the completion of their coursework to prepare for the comprehensive exam.

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

MS in Communication Disorders - Speech and Language Disabilities Concentration

Admission Requirements
• A baccalaureate degree from an accredited institution
• A minimum cumulative undergraduate grade point average (GPA) of 3.0 (4.0 scale)
• A college-level course in statistics with a minimum grade of 2.0 (4.0 scale)
• At least nine courses in communication disorders at the undergraduate level. Courses must be determined to be equivalent to the New Paltz minimum specified courses listed below, and must have been completed in the last 10 years. These courses may be in progress at the time of application but must be completed prior to entry into the program.

Additional Courses
In addition, students applying for the Speech Language Disabilities Program (090) must complete the following three courses, or their equivalents. These courses should be taken in advance but may be completed during graduate study:

• A course in the Foundations of Education, e.g., equivalent to EDS340 Sociological and Philosophical Foundations of Education (3 credits)
• A course in child or adolescent development, e.g., equivalent to EDS371 Child Psychology and Development (3 credits)
• A course in special education inclusion, e.g., equivalent to SPE350 Creating Inclusive Elementary School Classrooms or SPE385 Differentiating Instruction in the Secondary School (3 credits). Alternatively, students may take SPE565 Teaching in Inclusive Classrooms (3 credits) after starting the graduate program

Other required courses for ASHA certification that should be taken in advance but may be completed during graduate study are listed below. A minimum grade of C (2.0) is required in each course.

• A college-level biological science course, preferably human or animal (3 credits)
• A college-level physics or chemistry course relevant to the field of Communication Disorders (3 credits)
• Two college-level social science courses (total of 6 credits)

• Manual communication proficiency is required for ASHA certification, and although there are a variety of ways to fulfill this requirement, we recommend a course or certificate in manual communication (such as American Sign Language)

Refer to the ASHA.org website for examples of courses that fulfill these requirements: ASHA Certification Courses

Application Deadlines

Applications Open - August 1  Summer Semester  
Applications Close - February 1  Summer Semester

M.S. in Communication Disorders - Speech and Language Disabilities Concentration 090I

The Speech-Language Disabilities concentration comprises 64 credits and is recommended for students who wish to earn TSSLD certification and do not already have the NYS initial teaching certificate. This concentration leads to New York State teacher certification as a Teacher of Students with Speech and Language Disabilities (TSSLD), New York State licensure, and ASHA certification.

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<thead>
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<th>Code</th>
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<tr>
<td>CMD508</td>
<td>Neurophysiology of Speech and Language</td>
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<td>CMD509</td>
<td>Advanced Speech Science</td>
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<tr>
<td>CMD524</td>
<td>Applied Language Sciences</td>
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<tr>
<td>CMD532</td>
<td>Clinical Instrumentation Laboratory</td>
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</tr>
<tr>
<td>CMD550</td>
<td>Research Methods and Evidence Based Practice 1</td>
<td></td>
</tr>
<tr>
<td>CMD551</td>
<td>Research Methods and Evidence Based Practice 2</td>
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<tr>
<td>CMD604</td>
<td>Phonological Disorders</td>
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<td>CMD605</td>
<td>Child Language Disorders</td>
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<td>CMD607</td>
<td>Seminar in Motor Speech Disorders</td>
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<td>CMD612</td>
<td>Fluency Disorders</td>
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<td>CMD616</td>
<td>Adult Language Disorders</td>
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<td>CMD619</td>
<td>Swallowing Disorders</td>
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<td>CMD620</td>
<td>Augmentative Communication Systems</td>
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<td>CMD621</td>
<td>Early Intervention for Speech-Language Pathologists</td>
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<td>CMD622</td>
<td>Voice Disorders</td>
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<td>CMD625</td>
<td>Advanced Diagnosis of Speech and Language Disorders</td>
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<td>CMD623</td>
<td>Language and Literacy Development</td>
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<td>CMD500</td>
<td>Orientation Practicum</td>
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<td>CMD503</td>
<td>Practicum in Speech Language Pathology On-Campus Summer</td>
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<td>CMD504</td>
<td>Practicum in Speech Language Pathology Off-Campus Fall</td>
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<td>CMD510</td>
<td>Practicum in Speech Language Pathology On-Campus</td>
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<td>CMD513</td>
<td>Practicum in Speech Language Pathology On-Campus 2</td>
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<tr>
<td>CMD526</td>
<td>Diagnostic Practicum in SLP</td>
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<tr>
<td>CMD527</td>
<td>Practicum in Speech-Language Pathology Specialty Clinic</td>
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<td>CMD528</td>
<td>Practicum in Speech Language Pathology Off-Campus Screenings</td>
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<td>CMD553</td>
<td>Research Practicum</td>
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<td>CMD555</td>
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**Comprehensive Exam in Speech-Language Pathology**

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<tr>
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<th>Title</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>64</td>
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</table>

1. A literacy course offered by Teaching & Learning may be substituted with advisor permission.
2. 1-credit course – should be taken twice.

**Additional Requirements for the Initial Certificate – TSSLD**

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<th>Code</th>
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<th>Credits</th>
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<td>Seminar – Schools Against Violence (SAVE)</td>
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<tr>
<td></td>
<td>Seminar – Dignity for All Students Act (DASA)</td>
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<tr>
<td></td>
<td>Seminar – Identification and Reporting of Suspected Child Abuse and Maltreatment</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Educating All Students (EAS) test</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Academic Literacy Skills Test (ALST)</td>
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</tr>
</tbody>
</table>

**Program Requirements**

Students must:

• File a “plan of study” during the first semester after matriculation
• Complete prescribed course work within four years after matriculation
• Maintain a cumulative average of 3.0 or higher, with no more than two grades below B-
• Successfully complete a comprehensive examination with written and oral components
• Demonstrate clinical competence by successfully completing the prescribed number of clinical contact hours. These will be between 325 and 375 clock hours depending on previous clinical experience
MS in Communication Disorders
- Speech-Language Pathology Concentration

Admission Requirements

- A baccalaureate degree from an accredited institution
- A minimum cumulative undergraduate grade point average (GPA) of 3.0 (4.0 scale)
- A college-level course in statistics with a minimum grade of 2.0 (4.0 scale)
- At least nine courses in communication disorders at the undergraduate level. Courses must be determined to be equivalent to the New Paltz minimum specified courses listed below, and must have been completed in the last 10 years. These courses may be in progress at the time of application but must be completed prior to entry into the program.
- Official results of the GRE general test with satisfactory test scores
- One copy of ALL official transcripts (including transfer schools)
- A non-refundable application fee of $60
- Three letters of recommendation from persons familiar with your recent professional/academic activity and qualifications. At least two must be from academic faculty
- A typed, 400-500 word graduate admissions essay
- A completed Prerequisites Form
- An interview and proctored writing sample may be required

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>Specified Courses (27 Credits)</td>
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<tr>
<td>Anatomy and Physiology of Speech and Hearing</td>
<td>3</td>
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<tr>
<td>Audiology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Aural Rehabilitation</td>
<td>3</td>
<td></td>
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<tr>
<td>Hearing and/or Speech Science</td>
<td>3</td>
<td></td>
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<tr>
<td>Language Development in Children</td>
<td>3</td>
<td></td>
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<tr>
<td>Diagnostic and/or Clinical Methods 1</td>
<td>3</td>
<td></td>
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<tr>
<td>Phonetics</td>
<td>3</td>
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<tr>
<td>Speech and/or Language Disorders 2</td>
<td>6</td>
<td></td>
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<tr>
<td>Total Credits</td>
<td>27</td>
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</tr>
</tbody>
</table>

1 Must include 25 observation hours
2 Minimum of two courses

Additional Courses

In addition, students applying for the Speech Language Disabilities Program (090I) must complete the following three courses, or their equivalents. These courses should be taken in advance but may be completed during graduate study:

- A course in the Foundations of Education, e.g., equivalent to EDS340 Sociological and Philosophical Foundations of Education (3 credits)
- A course in child or adolescent development, e.g., equivalent to EDS371 Child Psychology and Development (3 credits)
- A course in special education inclusion, e.g., equivalent to SPE350 Creating Inclusive Elementary School Classrooms or SPE385 Differentiating Instruction in the Secondary School (3 credits). Alternatively, students may take SPE565 Teaching in Inclusive Classrooms (3 credits) after starting the graduate program

Other required courses for ASHA certification that should be taken in advance but may be completed during graduate study are listed below. A minimum grade of C (2.0) is required in each course.

- A college-level biological science course, preferably human or animal (3 credits)
- A college-level physics or chemistry course relevant to the field of Communication Disorders (3 credits)
- Two college-level social science courses (total of 6 credits)
- Manual communication proficiency is required for ASHA certification, and although there are a variety of ways to fulfill this requirement, we recommend a course or certificate in manual communication (such as American Sign Language)

Refer to the ASHA.org website for examples of courses that fulfill these requirements: ASHA Certification Courses

Application Deadlines

Applications Open - August 1 Summer Semester
Applications Close - February 1 Summer Semester

M.S. in Communication Disorders
- Speech-Language Pathology Concentration 090S

The Speech-Language Pathology concentration comprises 61 credits and leads to New York State licensure and ASHA certification.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Required Coursework (42 Credits)</td>
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<tr>
<td>Scientific and Research Bases:</td>
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<tr>
<td>CMD508 Neurophysiology of Speech and Language</td>
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<tr>
<td>CMD509 Advanced Speech Science</td>
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<td>CMD524 Applied Language Sciences</td>
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<td>CMD532 Clinical Instrumentation Laboratory</td>
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<tr>
<td>CMD550 Research Methods and Evidence Based Practice 1</td>
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<tr>
<td>CMD551 Research Methods and Evidence Based Practice 2</td>
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<tr>
<td>Speech, Language, and Swallowing:</td>
<td>30</td>
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<tr>
<td>CMD504 Phonological Disorders</td>
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<td>CMD505 Child Language Disorders</td>
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<td>CMD507 Seminar in Motor Speech Disorders</td>
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<td>CMD512 Fluency Disorders</td>
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<tr>
<td>CMD516 Adult Language Disorders</td>
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</table>
The Department of Music at SUNY New Paltz offers a master's degree in Music Therapy. Music Therapy applicants pursue a program of study leading to candidacy for licensure as a creative arts therapist (LCAT) through the New York State Education Department Office of the Professions. Following completion of the 48-credit degree in Music Therapy, students must pass a professional licensing examination and complete 1500 clock hours of supervised clinical experience in order to qualify for Licensure as a Creative Arts Therapist in New York State.

### Graduate Program in Music

- **MUS521. Applied Music: Piano . 3 Credits.**
  Individual weekly lessons in piano. Lessons adapted to the needs of the student. A total of 15 hours of private instruction per semester will be given. Offered every semester.
  **Restrictions:**
  - Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

- **MUS522. Applied Music: Voice. 3 Credits.**
  Individual weekly lessons in voice. Lessons adapted to the needs of the student. A total of 15 hours of private instruction per student will be given. Offered every semester.
  **Restrictions:**
  - Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

- **MUS523. Applied Music: Misc. 3 Credits.**
  Individual weekly lessons in a classical or jazz instrument. Lessons adapted to the needs of the student. A total of 15 hours of private instruction per semester will be given. Offered every semester.
  **Restrictions:**
  - Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

- **MUS540. Foundations of Music Therapy . 3 Credits.**
  This course examines varied clinical theories in music therapy service delivery and procedures related to these theories. Students develop musical programming, assessment and treatment plans for clients with varied needs.
  **Prerequisites:**
  - (MUS 240 with a minimum grade of B- and (MUS 340 with a minimum grade of B-
  **Restrictions:**
  - Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

- **MUS541. Repertoire in Therapy . 3 Credits.**
  Focuses on the music therapist's development of approaches to new repertoire for personal growth as a musician-therapist in order to better serve clients with diverse musical preferences and needs. Students develop personal philosophical statements relative to ongoing musical learning and prepare varied pieces for performance.
  **Restrictions:**
  - Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)
MUS542. Music in Counseling . 3 Credits.
A graduate level course for Music Therapists and Music Therapy majors designed to learn and practice verbal processing within the Music Therapy context. In addition, students will learn creative music therapy strategies in working with psychiatric clients and will develop a working knowledge of group dynamics.

Prerequisites:
• COU 540 (may be taken concurrently) with a minimum grade of B-

Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS543. Music Therapy for Older Adults. 3 Credits.
A graduate level course for Music Therapists and Music Therapy majors. Clinical needs of the elderly will be explored, including the needs of the well elderly based on the research literature. Music Therapy techniques will be practiced, and students will expand their repertoire in working with clients.

Prerequisites:
• (MUS 240 with a minimum grade of B- and (MUS 340 with a minimum grade of B-

Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS544. Medical Music Therapy Assessment and Treatment . 3 Credits.
Focuses on the common and diverse needs of clients in acute care and rehabilitation medical settings. Assessment and treatment goals and procedures for patients who are verbal or non-verbal will be presented. Students develop music therapy protocols to reduce anxiety indicators and increase desired behaviors by unit.

Prerequisites:
• (MUS 240 with a minimum grade of B- and (MUS 340 with a minimum grade of B-

Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS545. Music Therapy in Special Education . 3 Credits.
Provides an overview of issues and practices in special education service delivery for music therapists. Course content includes: national and state educational policy directives, learning standards-based curricular development and clinical techniques for working in diverse settings with students with special needs in terms of assessment and treatment strategies.

Prerequisites:
• (MUS 240 with a minimum grade of B- and (MUS 340 with a minimum grade of B-

Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS546. Improvisation for Therapy . 3 Credits.
Varied improvisational styles and techniques are presented. Students demonstrate improvisational skills in terms of melody, harmony and rhythm. Techniques include pentatonic, rhythmic, and harmonic improvisation on voice, drums, guitar and piano.

Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS547. Advanced Guitar for Therapists and Educators . 3 Credits.
This course will provide students with advanced guitar skills such as movable chords, jazz chords, lead guitar parts, and various accompaniment patterns unique to given styles and artists.

Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS548. Music Therapy Ensemble . 2 Credits.
This course provides students the opportunity to play and lead pre-composed and improvised musical activities in a variety of styles within a group context. Focus will be directed on leading clients with varying musical abilities, assigning instruments and the parts to be played according to the clinical needs of clients, and the synthesis of jazz, pop and pentatonic improvisation techniques into ensembles.

Prerequisites:
• MUS 546 with a minimum grade of B-

Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS549. Creative Arts Therapies with Autism Spectrum Disorder. 3 Credits.
A survey of the theory and practice of the New York State licensed creative arts therapies; art therapy, music therapy, dance & movement therapy, poetry therapy, and drama therapy, as specifically applied to clients with ASD.

Restrictions:
• Must have the following level: Graduate

MUS593. Music Selected Topic. 12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

Restrictions:
• Must have the following level: Graduate

MUS594. Fieldwork in Music . 1-12 Credits.

Restrictions:
• Must have the following level: Graduate

MUS595. Indep Study Music. 1-12 Credits.

Restrictions:
• Must have the following level: Graduate
MUS742. Music Therapy Research and Program Evaluation . 3 Credits.
Students examine major research styles including quantitative, qualitative, and historical in order to develop a thesis proposal. Issues in program evaluation are discussed and models examined.
Prerequisites:
• (MUS 240 with a minimum grade of B- and (MUS 340 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate

MUS743. Fieldwork 1. 2 Credits.
Supervised continuing clinical experiences of work with groups and individuals at University - affiliated sites. Weekly faculty-directed seminar covers critical issues pertaining to assessment, treatment and evaluation of music therapy.
Prerequisites:
• (MUS 240 with a minimum grade of B- and (MUS 340 with a minimum grade of B- and (MUS 480 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS744. Fieldwork 2. 2 Credits.
Supervised continuing clinical experiences of work with groups and individuals at University - affiliated sites. Weekly faculty-directed seminar covers critical issues pertaining to assessment, treatment and evaluation of music therapy.
Prerequisites:
• MUS 743 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS745. Music Therapy Internship I . 3 Credits.
Students will be placed in community settings such as local hospitals, schools, and rehabilitation programs to provide opportunities to practice advanced music therapy techniques with clients under the supervision of a Board Certified Music Therapist. Students must complete at least 125 hours of clinical practice.
Prerequisites:
• MUS 744 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate

MUS746. Music Therapy Internship II . 3 Credits.
This second semester course in the music therapy internship sequence places students in clinical settings such as hospitals, schools, and rehabilitation programs providing opportunities that expand the range of experiences resulting from working with a variety of populations and professionals who provide services to them. In addition to clinical work at their respective sites, students participate in a bi-weekly internship seminar held by their supervising academic instructors in which students engage in discussion about music therapy and clinical matters as well as present their clinical work and receive feedback from peers and supervising instructors.
Prerequisites:
• MUS 745 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS748. Thesis Seminar . 1 Credit.
Provides students with a forum to discuss issues related to the conducting of a thesis project. Topics covered will include legal issues and institutional policies regarding the conducting of research on human subjects.
Prerequisites:
• MUS 742 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate

MUS749. Thesis . 2 Credits.
This is a requirement of all graduate music therapy students. Theses may be conducted in a research project (i.e., evaluating the effects of music therapy on various client needs or outcomes), in a format to guide clinical practice (i.e., a manual of clinical interventions for an identified population), or as a program development project (i.e., creating a new music therapy program within the community).
Prerequisites:
• MUS 742 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS793. Music Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

MUS794. Fieldwork in Music. 1-12 Credits.
MUS795. Indep Study Music. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate
**MUS799. Continued Registration. 6 Credits.**

**Restrictions:**
- Must have the following level: Graduate

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**Master of Science in Music Therapy**

The Department of Music at SUNY New Paltz offers a master's degree in Music Therapy. Music Therapy applicants pursue a program of study leading to candidacy for licensure as a creative arts therapist (LCAT) through the New York State Education Department Office of the Professions. Following completion of the 48-credit degree in Music Therapy, students must pass a professional licensing examination and complete 1500 clock hours of supervised clinical experience in order to qualify for Licensure as a Creative Arts Therapist in New York State.

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**Admission Requirements and Procedures**

- Baccalaureate degree in music with 60 credits or more in music;
- Passing grade on placement audition for guitar and piano accompaniment;
- Passing grade on placement audition in vocal performance;
- Artistry on major instrument demonstrated at live audition at SUNY New Paltz.
- 15 credits of undergraduate work including:
  - Introduction to Music Therapy (3),
  - Music Therapy Methods and Materials (3),
  - Psychology of Music (3),
  - Music Therapy Practicum (3),
  - and a statistics course (3).

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**You Must Submit**

- A completed graduate school application
- One official transcript of all undergraduate and graduate work providing evidence of a baccalaureate degree in music (60 crs. in music) from an accredited institution with at least a 3.0 cumulative grade point average on a 4.0 scale
- A typed statement that describes your educational aspirations, experiences in working with persons with health impairments or handicapping conditions, and how the training in the master’s program in music therapy will help you achieve your personal and professional goals. The response should be 300-400 words in length. The Music faculty will examine the writing sample with respect to content, clarity, and organization of ideas, grammar, and style.
- Three letters of professional recommendation written on professional letterhead. All letters must:
  1. be dated and current;
  2. address how long the writer has known you and in what capacity;
  3. address your suitability for graduate work in music therapy, referring to your academic abilities, ability to work with clients, others and your professional commitment;
  4. be written by individuals who have a professional relationship with you. It is mandated that at least one letter of recommendation is written by a professor who has direct knowledge of your academic abilities.
- Evidence of Music Therapy Board Certification (if applicable)

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**You Must Complete**

- An audition on your major instrument
- Placement examinations on voice, piano accompaniment and guitar accompaniment
- Placement examination on sight reading

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Deadlines for application to the Music Therapy master’s program can be obtained by contacting the Music Department at (845) 257-2700 or by visiting the Music Department’s website at: http://www.newpaltz.edu/music/

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**Program Requirements**

Complete the prescribed course work and other requirements within five years after matriculation. Maintain a cumulative grade point average of 3.0 or better, with no more than two grades below B-

**Advisement**

You will be informed of your academic advisor and his/her office hours when you are accepted into the Music Therapy program. You should make an appointment immediately with your advisor to develop a comprehensive plan of study.

The comprehensive plan of study developed by you and your academic advisor officially outlines your degree requirements and eligibility for licensure as a creative arts therapist. Any changes in this plan of study will require prior approval from your academic advisor. Your academic advisor is available to assist you throughout your study and will serve as your guide during the program. It is important to maintain continuous communication with your academic advisor in order to facilitate your progress in the program.
Transfer Credit
With the approval of your academic advisor and the Assistant Vice President of the Graduate & Extended Learning Office, students can transfer up to 9 graduate credits. However, credits cannot be transferred after the Plan of Study is approved.

Please note: Courses taken prior to acceptance into the Music Therapy program may not be fully credited on your plan of study, even if taken at SUNY New Paltz.

Registering for Courses
Be sure to pre-register for your courses as outlined in the Plan of Study. You must meet with your advisor to discuss course work each semester. Pre-registration for the spring semester occurs in November and pre-registration for the summer and fall semesters occurs in April.

Change of Name and/or Address
Please notify the Music Department Office and the Records and Registration Office immediately if your name changes and/or if your address, telephone and/or email address changes.

Sample Program
The Music Therapy program consists of 48 credit hours for students with baccalaureate degrees in Music Therapy or the MT-BC. Students with other degrees in music must complete 15 credits of undergraduate work in Music Therapy and meet competencies in sight reading, voice, and piano and guitar accompaniment.

Course Work
Course work in music therapy is designed to offer sequential learning experiences that will develop clinical competencies for work as a Licensed Creative Arts Therapist. You should take these courses in the sequence suggested by your academic advisor.

MS in Psychological Science
Psychological Science (210)
(845) 257-3467 or (845) 257-3470
http://www.newpaltz.edu/psychology/graduate/psych.html

The Psychology Graduate Program offers a 39-credit Master of Science degree in Psychological Science. This research-based program exposes students to research in a variety of fields including social, cognitive, developmental, and applied psychology. In addition, students learn advanced statistical and experimental and non-experimental methodological skills. The degree may serve as preparation for entry into a doctoral program or as additional training for those who plan to enter or continue work in applied areas of psychology with an emphasis on research.

All degree requirements must be completed within five years after admission. Candidates must receive the recommendation for the degree from the Director of the Psychology Graduate Program, Department Chair, and Thesis Committee.

Application Deadline
Applications are accepted for both fall and spring admissions. Review of applications begins February 15th (Fall) and November 1 (Spring), continuing until the cohort is filled.

Curriculum Requirements
Master’s degree candidates for the MS in Psychological Science must complete a minimum of 39 credits. Students must maintain an average grade of B in graduate-level courses. The department may accept up to nine credits of graduate work taken elsewhere in which a grade of B or better was obtained.

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>PSY501</td>
<td>Analysis of Variance</td>
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<tr>
<td>PSY503</td>
<td>Correlation &amp; Multiple Regress</td>
<td>3</td>
</tr>
<tr>
<td>PSY511</td>
<td>Research Methods I</td>
<td>3</td>
</tr>
<tr>
<td>PSY513</td>
<td>Research Methods II</td>
<td>3</td>
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<tr>
<td>PSY530</td>
<td>Developmental Psychology</td>
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<tr>
<td>PSY540</td>
<td>Applied Psychology</td>
<td>3</td>
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<td>PSY550</td>
<td>Social/Personality Psychology</td>
<td>3</td>
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<tr>
<td>PSY560</td>
<td>Cognitive Processes</td>
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<td>PSY558</td>
<td>Seminar in Contemporary Research</td>
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<td>PSY500</td>
<td>Research Practicum</td>
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<tr>
<td>PSY590</td>
<td>Thesis in Psychology (3-6)</td>
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Total Credits 39
SUCCEED IN BUSINESS, ENGINEERING OR COMPUTER SCIENCE

Business
MBA in Business Administration (p. 71)
MBA in Public Accountancy (p. 72)

Electrical Engineering
MS Electrical Engineering (p. 72)
BS/MS Electrical Engineering (p. 73)
BS Computer Engineering/MS Electrical Engineering (p. 73)

Computer Science
MS Computer Science (p. 74)

Master of Business Administration (MBA)

Admission Requirements
Applicants to the MBA program must submit:

- One official copy of all undergraduate (four-year degree) and graduate coursework, including a baccalaureate degree from an accredited institution.
- An undergraduate cumulative grade point average of 3.0 or higher (4.0 basis).
- Satisfactory test score of 450 or better on the Graduate Management Admissions Test (GMAT) or 300 or better on the Graduate Record Examination (GRE).
- Three current letters of recommendation
- Statement of objectives
- For international students, a Test of English as a Foreign Language (TOEFL) score of 80 on the internet based exam or higher is required prior to admission. Candidates with less than a 80 TOEFL score will be admitted to the English as a Second Language (ESL) program.

Entering MBA students are expected to have competency in basic computer, quantitative, and oral and written communication skills. Students that need to acquire these skills will be advised to take additional credit or non-credit courses to obtain these skills. Any credits taken to obtain basic skills may not, however, be applied toward the MBA degree.

- Entering MBA students who have earned a “B” or better in any of the foundation courses approved to be equivalent to the corresponding courses at New Paltz may have these courses waived. In addition, up to nine credits of graduate coursework approved to be equivalent to the corresponding courses at New Paltz may be transferred into the MBA program.

MBA Business Administration Program Curriculum Requirements

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<td></td>
<td>MBA Business Administration Program Curriculum Requirements</td>
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<tr>
<td></td>
<td><strong>Foundation Courses (0-9 Credits)</strong></td>
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<tr>
<td>0-9</td>
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Core Courses (24 Credits)

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<tbody>
<tr>
<td>BUS511</td>
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<tr>
<td>BUS520</td>
<td>Managing Operations and Information Technology</td>
<td>3</td>
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<tr>
<td>BUS525</td>
<td>Quantitative Methods for Business Research</td>
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<tr>
<td>BUS526</td>
<td>Managing in a Global Environment</td>
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<tr>
<td>BUS528</td>
<td>Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>BUS536</td>
<td>Corporate Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>BUS568</td>
<td>Individual and Group Behavior Analysis</td>
<td>3</td>
</tr>
<tr>
<td>BUS589</td>
<td>Cases in Strategy and Business Policy</td>
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Elective Courses (12 Credits)
Select 12 credits

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<tbody>
<tr>
<td>BUS500</td>
<td>Excel Tutorial</td>
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</tr>
<tr>
<td>BUS508</td>
<td>Financial Statement Analysis</td>
<td></td>
</tr>
<tr>
<td>BUS509</td>
<td>Statistics Analysis &amp; Decision Theory</td>
<td></td>
</tr>
<tr>
<td>BUS515</td>
<td>Business Economics for Managers</td>
<td></td>
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</tbody>
</table>

Total Credits: 36-45

1 Select four electives. The elective courses offered vary each semester. Please visit www.newpaltz.edu/classes (http://www.newpaltz.edu) for the schedule of classes.

2 A student may replace one elective course with one of the following:
   - BUS 502 Internship & Career Practicum 3cr
   - BUS 595 Independent Study 3cr
   - BUS 587 Business Plan Contest 3cr

Academic Program Requirements and Curriculum

The MBA degree requires the completion of 36 to 45 credits depending on prior academic coursework. The MBA in Business Administration consists of foundation, core, and elective courses while the MBA in Public Accountancy includes foundation and core courses.

MBA degree requirements must be completed within seven years of acceptance into the program, with a cumulative average of no less than 3.0 (4.0 scale and with no more than two grades below a B-). All MBA courses must be completed with a grade of C or higher for progression in the program.

The foundation segment comprises seven courses that are designed to provide students coming from an academic discipline outside of business with the prerequisite knowledge required for successful completion of the core courses. The foundation courses must be taken before the core and elective courses and students must earn a “B” or better in each of these courses. Candidates with a B.S./B.A. in Business Administration or Accounting may receive waivers for some of the foundation courses, if they earned B or higher in those courses.

The MBA in Business Administration core includes includes eight core courses. Core courses are designed to provide students with key concepts and strategies that pervade the functional areas of business management today. They constitute the major common body of knowledge with which students develop critical thinking and analytical abilities in the business world. The courses in the core reflect our commitment to a well-rounded business background.

Students enrolled in the MBA in Business Administration program must take four elective courses. The elective courses provide flexibility in customizing the degree program to suit career goals. Electives
are offered in the areas of accounting, project management, finance, international business, marketing, and management. Students may also participate in an internship, independent study or the Business Plan Contest to fulfill one elective course requirement.

In addition, all MBA students must take a zero-credit Business Workshop at the beginning of the first semester at SUNY New Paltz, which consists of a general orientation, business writing session, and an ethics test.

**MBA in Public Accountancy (262)**

**Admission Requirements:**

Applicants to the Public Accountancy program must submit:

- One official copy of all undergraduate (four-year degree) and graduate coursework, including a baccalaureate degree in accounting from an accredited institution.
- An undergraduate cumulative grade point average of 3.0 or higher (4.0 basis).
- Satisfactory test score of 450 or better on the Graduate Management Admissions Test (GMAT) or of 300 or better on the Graduate Record Examination (GRE).
- Contact information for three individuals who have agreed to provide letters of recommendation
- Statement of objectives
- For international students, a Test of English as a Foreign Language (TOEFL) score of 80 on the internet based exam or higher is required before admission. Candidates with less than a 80 TOEFL score will be admitted to the English as a Second Language (ESL) program.
- Entering MBA students who have earned a “B” or better in any of the foundation courses approved to be equivalent to the corresponding courses at New Paltz may have these courses waived. In addition, up to nine credits of graduate coursework approved to be equivalent to the corresponding courses at New Paltz may be transferred into the MBA program.
- Entering MBA students who have earned a “B” or better in any of the foundation courses approved to be equivalent to the corresponding courses at New Paltz may have these courses waived. In addition, up to nine credits of graduate coursework approved to be equivalent to the corresponding courses at New Paltz may be transferred into the MBA program.
- MBA students who need in-depth knowledge in the rapidly changing and expanding areas of accounting, project management, finance, international business, marketing, and management. Students may also participate in an internship, independent study or the Business Plan Contest to fulfill one elective course requirement.

**Academic Program Requirements**

The MBA degree requires the completion of 36 to 45 credits depending on prior academic coursework. The MBA in Business Administration consists of foundation, core, and elective courses while the MBA in Public Accountancy includes foundation and core courses.

MBA degree requirements must be completed within seven years of acceptance into the program, with a cumulative average of no less than 3.0 (4.0 scale and with no more than two grades below a B-). All MBA courses must be completed with a grade of C or higher for progression in the program.

The foundation segment comprises seven courses that are designed to provide students coming from an academic discipline outside of business with the prerequisite knowledge required for successful completion of the core courses. The foundation courses must be taken before the core and elective courses and students must earn a "B" or better in each of these courses. Candidates with a B.S./B.A. in Business Administration or Accounting may receive waivers for some of the foundation courses, if they earned B or higher in those courses.

The MBA in Public Accountancy includes eleven core courses and one elective. Core courses are designed to provide students with key concepts and strategies that pervade the functional areas of business management today. They constitute the major common body of knowledge with which students develop critical thinking and analytical abilities in the business world. The courses in the core reflect our commitment to a well-rounded business background.

The elective courses provide flexibility in customizing the degree program to suit career goals. Electives are offered in the areas of accounting, project management, finance, international business, marketing, and management. Students may also participate in an internship, independent study or the Business Plan Contest to fulfill one elective course requirement.

In addition, all MBA students must take a zero-credit Business Workshop at the beginning of the first semester at SUNY New Paltz, which consists of a general orientation, business writing session, and an ethics test.

**MS in Electrical Engineering**

Graduate Coordinator: Dr. Damodaran Radhakrishnan
845-257-3772 or damu@newpaltz.edu

The Master of Science in Electrical Engineering provides a quality graduate program offered within a small setting, where students get individual attention. The program can be completed either full or part-time, and is designed to serve recent graduates and practicing engineers who need in-depth knowledge in the rapidly changing and expanding
areas of electrical engineering beyond what can be included in the traditional bachelor’s program.

THE PROGRAM

Students may individualize their program of study by selecting classes that fulfill their academic interests and professional needs. Focused coursework is offered in Microelectronics, Systems, Energy, or Computer Engineering. The program may be completed in as little as eight months.*

Accelerated Format*

Students complete 30 credits of coursework and present at least three graduate engineering projects.

Research Focus

Students enroll in twenty-four credits of coursework and develop and defend a six credit thesis project.

Admission Requirements

- One official copy of all undergraduate and graduate course work. A bachelor’s degree in Electrical Engineering or a closely related field from an ABET-accredited program.
- A minimum undergraduate cumulative grade point average of 3.0.
- Three letters of recommendation attesting to the applicant’s aptitude and promise for graduate study.
- English competency according to College procedures and standards. These include a TOEFL score of 80 on the internet-based exam, or a score of 6.5 on the IELTS exam and satisfactory performance on the campus-designed and administered English proficiency examination.

On a case-by-case basis, applicants who do not meet all of the conditions for admission may be granted conditional admissions status. These students may register as non-matriculated students for courses of a preparatory nature following the guidance of the Department. They can be considered by the Graduate School for matriculation after this prescribed preparatory work is completed.

The MS in Electrical Engineering degree comprises 30 credits. Students have the option to complete a thesis or take additional coursework and complete at least two graduate projects.

Plan of Study

A student’s plan of study is developed by selecting graduate engineering courses offered by the department in electromagnetic fields and waves, telecommunications, electronics, computer and control systems depending on the students’ needs and interest.

Accelerated Format

This option allows students to complete their graduate degree in as little as 18 months. Students select 30 credits of coursework and complete at least three graduate projects.

Research Focus

This option allows students to select eight graduate courses (24-credits) and complete a 6-credit Electrical Engineering Thesis.

Program Requirements

- File a “plan of study” during the first semester after matriculation.
- Completion of prescribed course work and other requirements within seven years after matriculation.
- Maintain a cumulative average of 3.0 or better, with no more than two grades below B.

Five-Year BS in Electrical Engineering/MS in Electrical Engineering

The 5-year BS in Electrical Engineering + MS in Electrical Engineering program provides students with a fast-track Master of Science degree in Electrical Engineering. This program is open to SUNY New Paltz juniors who are in good academic standing and interested in pursuing a Bachelor of Science in Electrical Engineering.

Admission Requirements

To qualify for the BS in Electrical Engineering + MS in Electrical Engineering program, students must have completed the first semester of their junior year in residence at SUNY New Paltz with an overall SUNY New Paltz GPA of at least 3.0.

To apply, students should:

- Complete the online graduate application via my.newpaltz.edu (major 269)
- Upload an internal New Paltz transcript (they are free for NP students in my.newpaltz.edu)
- Provide the contact information for one faculty reference
- $60.00 graduate application fee

Curriculum Requirements

Accepted students are permitted to enroll in two 500-level graduate courses (six credits). These courses, in addition to satisfying students’ bachelor’s degree, will count toward their master’s degrees. The remaining 24 credits of the master’s requirement will be taken in the fifth year of study.

Program Requirements

Once admitted to the BS/MS program, students must maintain a 3.0 cumulative GPA in all courses through the senior year. In addition, students must earn a B or better in each of the two graduate courses that they take as undergraduates. Students not satisfying these requirements will be re-evaluated for continuation in the program.

Five-Year BS in Computer Engineering/MS in Electrical Engineering

The 5-year BS in Computer Engineering + MS in Electrical Engineering program provides students with a fast-track Master of Science degree in Electrical Engineering. This program is open to SUNY New Paltz juniors who are in good academic standing and interested in pursuing a Bachelor of Science in Electrical Engineering.

Admission Requirements

To qualify for the BS in Computer Engineering + MS in Electrical Engineering program, students must have completed the first semester
of their junior year in residence at SUNY New Paltz with an overall SUNY New Paltz GPA of at least 3.0.

To apply, students should:

• Complete the online graduate application via my.newpaltz.edu (major 268)
• Upload an internal New Paltz transcript (they are free for NP students in my.newpaltz.edu)
• Provide the contact information for one faculty reference
• $60 Graduate application fee

Curriculum Requirements

Accepted students are permitted to enroll in two 500-level graduate courses (six credits). These courses, in addition to satisfying students’ bachelor’s degree, will count toward their master’s degrees. The remaining 24 credits of the master’s requirement will be taken in the fifth year of study.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EGE532</td>
<td>Computer Arithmetic</td>
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<tr>
<td>EGE533</td>
<td>Introduction to Parallel Computing</td>
<td></td>
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<tr>
<td>EGE534</td>
<td>Fault-Tolerant Design of Digital Systems</td>
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<tr>
<td>EGE535</td>
<td>Low Power VLSI Design</td>
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<td>EGE536</td>
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<td>EGE543</td>
<td>Antennas and Wave Propagation</td>
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<td>EGE544</td>
<td>Microwave Circuits</td>
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<tr>
<td>EGE590</td>
<td>Thesis in Electrical Engineering</td>
<td></td>
</tr>
<tr>
<td>EGE593</td>
<td>Engineering Selected Topic</td>
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</tr>
</tbody>
</table>

Program Requirements

Once admitted to the BS/MS program, students must maintain a 3.0 cumulative GPA in all courses through the senior year. In addition, students must earn a B or better in each of the two graduate courses that they take as undergraduates. Students not satisfying these requirements will be re-evaluated for continuation in the program.

MS in Computer Science

SUNY New Paltz offers a flexible, 30-credit master’s degree program in Computer Science, designed to help students from all backgrounds advance to new careers in technology fields. Our mission is to prepare the next generation of application developers, start-up entrepreneurs and business analysts to thrive in a rapidly-changing world. The program offers:

Flexible Course Scheduling

Courses are offered both in flexible online formats and in-person at state-of-the-art facilities like our new Science Hall. The full program can be completed in less than two years.

Building 21st Century Skills

We are focused on teaching 21st century skills that are in demand in a wide range of professions, in areas like machine learning, software application engineering, artificial intelligence and data science.

Dedicated Faculty

Courses are rigorous enough to serve students with deep experience in computer science, led by faculty who are experts in their fields.

Responsive Curriculum

Our curriculum is constantly evolving in step with current trends in technology, emphasizing the skills that employers – especially in the Hudson Valley’s growing tech industries – need right now.

Accessible Format

Admission to the program is open to ALL majors. While many of our students enter the program with undergraduate degrees in computer science or related fields, others have come from fields as varied as Philosophy, Fine Arts, Journalism, Business and Biology.

Admission Requirements

• One set of official transcripts for all undergraduate and graduate course work, including a baccalaureate transcript from a regionally accredited institution, indicating at least a 3.0 cumulative grade point average.
• Admission Essay
• Three letters of reference.
• Satisfactory TOEFL or IELTS scores for students who have a non-US degree.
• GRE and Resume are optional.

Curriculum Requirements

Graduate study in Computer Science enables students to individualize their program of study by pursuing ten computer science courses (30 credits) and passing a comprehensive exam, or completing eight courses (24 credits) and delving into a 6-credit thesis project. This flexibility allows students to explore conceptually-based classes, enhance technical skills through applied learning courses, stay abreast of current trends in the field through a wide range of special topics courses, and engage in research by pursuing an optional six-credit thesis.

Program Requirements

• File a “plan of study” during the first semester after matriculation.
• Complete prescribed course work within seven years after matriculation.
• Complete course work with a cumulative grade point average of 3.0 or better. No more than two grades below B- will count toward the degree.
• Pass the comprehensive examination or submit a thesis.
• Submit degree application (see the Graduation Information website (http://www.newpaltz.edu/registrar/graduation.html) for due date).
ESTABLISH A PROFESSIONALLY SUSTAINABLE ART PRACTICE

MFA in Studio Art (p. 75)
Specializations: Ceramics, Metal, Painting/Drawing, Photography & Related Media, Printmaking and Sculpture.

MSEd in Visual Arts Education (p. 87)

MFA Studio Art
(845) 257-3830

Master of Fine Arts
The nationally accredited MFA program offers varied and extensive opportunities for graduate study in a unique setting. Our location is just 90 minutes north of New York City in the historic Hudson River Valley, allowing access to cutting edge artists, historians, critics and curators. The campus features expansive facilities, private and semi-private secure studios, and extensive computer labs and digital fabrication technologies. Additional exhibition spaces complement the prestigious Samuel Dorsky Museum of Art.

The intensive and selective two-year MFA program includes specializations in Ceramics (30CE), Metals (30ME), Painting and Drawing (30PD), Photography & Related Media (30PH), Printmaking (30PR), and Sculpture (30SC). The Art Department faculty members are dedicated teachers and practicing artists with significant national reputations. SUNY New Paltz is regularly included among the best schools in the Northeast and its Metals program has consistently been ranked among the best in the nation.

Financial assistance and tuition waivers are available. Students interested in a career in academia and pedagogical forms of collaboration have opportunities to assist and frequently teach their own undergraduate course.

Emphasis is placed on disciplinary rigor and interdisciplinary scholarship guided by committed conceptual inquiry. Our graduate program is more than a collection of students, faculty and facilities; we are a dynamic learning community engaged in and encouraging of authentic research, personal growth and a professionally sustainable art practice.

Ceramics
The Ceramics program cultivates the conceptual, technical, and professional growth of its graduate students by providing an environment balanced among pragmatic skill development, critical and theoretical dialogue, and intensive studio research geared toward a process of making and thinking, resulting in innovative and dynamic outcomes. We encourage students to have a strong sense of responsibility, self-reliance, and confidence. Faculty guide students in independent research and individual approaches to their practice. The curricular structure challenges students to critically evaluate their work within a material-specific and an interdisciplinary framework, as well as in theoretical and professional contexts. Students are encouraged to work with methodologies that explore the boundaries of the field while demonstrating an understanding of historic and contemporary ecologies.

With private graduate studios within the program's expansive 10,000 square foot facility, and access to a broad range of traditional and contemporary technologies, the program provides students with the resources and the latitude necessary to develop an authentic, significant contribution to the field. Web site: www.newpaltz.edu/ceramics

Metal
The Metal program is an active area of study that engages a wide variety of ideas, objects, images, and modes of making toward critical and dynamic outcomes. Students and faculty form a community of inquiry that seeks to expand the field's discourse. The rigorous curriculum provides opportunities to explore the technical, aesthetic, and conceptual aspects of contemporary jewelry and metalsmithing in a state-of-the-art facility with faculty who are actively engaged artists and who exhibit and lecture internationally. The 10,000 square-foot studios supply equipment for working in a range of traditional and contemporary methods, instruction and access to expanding digital technologies, and designated private studio spaces for each student. Web site: www.newpaltz.edu/metal

Painting & Drawing
The Painting/Drawing program encourages the technical, conceptual, and professional development of its students through a balance of intensive studio experience and critical and theoretical dialogue. Students working in traditional, experimental, and multimedia formats are challenged to assess their work in a contemporary context. The program's 10,000 square-foot facility in Smiley Art Building includes private 200 square-foot studios for each MFA student. Web site: www.newpaltz.edu/painting

Photography & Related Media
The Photography program engages students in an expanded field of artistic lens-based practice to critically interrogate and deepen their creative research within a vibrant community of artists. Photography is an ever changing field with a short and tumultuous history and immense and growing relevance in today's shifting cultural and social context. We support our students in their process of independent experimentation as they hone their critical awareness, skills, and concept, and position themselves with their unique voice and vision in the field. The Photography program offers a range of state-of-the-art digital and analog facilities and equipment. Website: http://www.newpaltz.edu/photography/

Printmaking
The Printmaking program views the field expansively, honoring tradition while moving the medium ever forward through the use of digital, sculptural means to create two and three-dimensional and installation-based works. The program encourages students to formulate and articulate their philosophical and personal concepts and translate them into visual works, meeting these objectives by offering a mix of intensive studio experience with critical and theoretical dialogue. The printmaking studios are state-of-the-art facilities containing a full range of new and top-of-the-line equipment and presses. In our 10,000 square foot studio spaces students have the capability of working with intaglio, lithography, silkscreen, monotype, woodcut, and hand-papermaking as well as contemporary photography, digital, and mixed media printmaking processes. Access to the Art Department's stellar Wood Studio and Digital Fabrication labs round out the offerings within the printmaking area. Web site: www.newpaltz.edu/printmaking
**Sculpture**

The graduate Sculpture program embraces and cultivates the diversity and complexity of what is defined as sculpture today. The program supports investigations that encompass installation, intervention, performance, sound, video, new media as well as more traditional approaches to sculpture. The Sculpture program encourages independent exploration, experimentation, critical awareness, and engagement in the issues, forms and contexts of contemporary, professional investigation. The program challenges and expands on the individual graduate student’s rationale and modes of working. In a flexible program encompassing the breadth of today’s sculptural possibilities, each student has the opportunity to articulate an individual vision and make a significant contribution to the discipline.

The overall footprint of the sculpture facilities encompasses 10,000 square-feet of space, which is divided into individual studio space for MFA and BFA students, general class workspace, an area for wood working, welding and metal fabrication. The facilities also include a separate room for experimental work such as installations. Equipment includes welding and metal working tools and machinery, wood working tools and machinery, video and sound equipment and a computer lab for digital image, sound and video production. Web site: [http://www.newpaltz.edu/sculpture](http://www.newpaltz.edu/sculpture)

**Graduate Program in Art**

- MFA in Studio Art (p. 86)

**ARS501. Graduate Art Seminar . 3 Credits.**

An examination of critical and theoretical ideas, social and political conditions, and new environments and technologies that have influenced the perception and production of the visual arts. A range of contemporary art including both experimental as well as more traditional forms is considered. All MAAS and MFA students are required to take this course.

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Art Studio (256)
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

**ARS511. Introduction to Graduate Studio Research. 4 Credits.**

ARS 511 is an intensive studio methods course in which students will both re-engage with their artistic practice as well as be introduced to a range of contemporary art making strategies.

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Summer Intensive (050S)
  - Visual Arts Education (050A)
  - Interdisciplinary (050I)

**ARS512. Graduate Studio Research I. 2 Credits.**

In this online studio research course, students will earn and implement a range of visual research methods and techniques and apply them to their teaching practice as well as to their own studio work.

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Summer Intensive (050S)
  - Visual Arts Education (050A)
  - Interdisciplinary (050I)

**ARS513. Graduate Studio Research II. 2 Credits.**

In this online studio research course, students will learn and implement a range of visual research methods and techniques and apply them to their teaching practice as well as to their own studio work.

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Summer Intensive (050S)
  - Visual Arts Education (050A)
  - Interdisciplinary (050I)

**ARS521. Ceramics I . 3 Credits.**

Focus on the development of content within the student’s work. Research of ceramic history and processes. Examination of critical and theoretical ideas through readings, discussions, and critiques.

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Art Studio (256)
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)
ARS523. Clay and Glaze Materials . 3 Credits.
Research of raw materials (clay and glaze), firing processes at several temperatures. The class stresses the individual research based on empirical techniques and calculations. The class is divided into equal parts of technical lectures and labs.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS524. Ceramic Sculpture . 3 Credits.
Emphasis on the execution of defined and personally developed ideas, through form, surface and color. Formal, critical, individual, and issues of material/process will be considered and discussed in relation to contents.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS525. Contemporary Issues in Clay . 3 Credits.
Seminar that focuses on the cognitive aspects of ceramics. The course will be comprised of: discussions, presentations, research, field experience, and professional practice as related to the medium.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS533. Metal I . 3 Credits.
Introduction to various theoretical and critical concerns in metal. Students work collaboratively and independently to develop aesthetic and procedural modes while gaining awareness of the field’s expanding discourse.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS535. Problems in Metal I. 3 Credits.
Provides concentrated time to develop a progressive, critical dialogue regarding one’s creative production, developing interests and avenues of exploration.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS541. Painting I . 3 Credits.
Advanced experimental study with emphasis on contemporary approaches to content, process, format, and materials. Studio experience is balanced with critical/theoretical dialogue. Students may register for up to two sections of painting per semester.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)
ARS551. Photography and Related Media I. 3 Credits.
Advanced study of photography and related media with emphasis on contemporary approaches to content, process and materials. Focus on board artistic research combined with critical dialogue.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Studio Art (300)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS552. Photography and Related Media II. 3 Credits.
Advanced study of photography and related media with emphasis on contemporary approaches to content, process and materials. Focus on project development based on artistic research combined with critical dialogue.
Restrictions:
• Must have the following level: Graduate

ARS561. Printmaking I. 3 Credits.
Projects and individual study in advanced printmaking conceptions and techniques.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS562. Printmaking II. 3 Credits.
Projects and individuals study in advanced printmaking conceptions and techniques. Students may enroll in Printmaking I, II and III simultaneously.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS571. Sculpture I. 3 Credits.
Projects and individual study in advanced sculpture conceptions and techniques.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS572. Sculpture 2. 3 Credits.
Projects and individual study in advanced sculpture conceptions and techniques.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS573. Sonic Measures. 3 Credits.
Sonic measures is an advanced, interdisciplinary course which explores the realm of sound as material for imaginative expression and as support for other multimedia work in video installation and performance.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)
ARS574. Sculpture Situations . 3 Credits.
Sculpture Situations is an advanced course which addresses the contexts in which sculpture operates in contemporary art. The course investigates installation, site intervention/alteration, video art and performance.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS576. Site Projects . 3 Credits.
To provide ground-work for developing skills in preparation of proposals and grants, dealing with public art, architecture and environmental ideas in model form. For senior Art majors and graduate Art majors.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Visual Arts (277)
  • Sculpture (306)
  • Ceramics (301)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Studio Art (300)

ARS578. Artist Survival Skills. 3 Credits.
Seminar focuses on professional skills utilized by artists for survival in the field. Students investigate contemporary professional practices relevant to artists. Topics may include: grant writing, documentation of artwork, web presence, and exhibition opportunities.

ARS579. Contemporary Ideas in Sculpture. 3 Credits.
Seminar explores critical viewpoints relevant to the field of sculpture. Course is structured around readings from contemporary and historical sources, presentations, written and verbal responses, and field research.

ARS593. Art Studio Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS594. Fieldwork In Art. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS595. Independent Study Art. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

ARS690. Studio Critique. 3 Credits.
Studio Critique facilitates regular, one-on-one interaction in each student's studio environment. The class focuses on a rigorous individual examination of research methodologies, material processes and conceptual inquiry.
Restrictions:
• Must have the following level: Graduate
ARS700. Graduate Critical Dialogues. 3 Credits.
An interdisciplinary class that will concentrate on critiques and discussions of student work. The class includes presentations, visiting artist dialogues professional practice, and the option to develop collaborative projects. Required elective for MFA students. Elective class for MA students, repeatable for credit.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Art Studio (256)
  - Ceramics (301)

ARS705. Graduate Drawing . 3 Credits.
Individual and group projects on an advanced level employing a variety of subject matter and techniques. May be repeated for credit.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Art Studio (256)
  - Ceramics (301)

ARS706. Thematic Studio. 3 Credits.
This course focuses on individual thematic investigations in contemporary art practice and collaborative art making. Students will learn to create arts-based research engaged as studio art practice and modes for reflecting on art pedagogy.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Visual Arts Education (050A)

ARS714. Studion Graduate Research III. 4 Credits.
ARS 714 is a 6-week summer course taken concurrently with Graduate Seminar and ARE 721. In this course, students will complete and mount their capstone studio exhibition.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Summer Intensive (050S)
  - Visual Arts Education (050A)
  - Interdisciplinary (050I)

ARS725. Ceramics II . 3 Credits.
Students pursue a realm of inquiry and investigation at an advanced level. This inquiry assimilates technical and critical research the student has pursued as they work toward developing a cohesive body of work. May be repeated for credit. Students may enroll in Ceramics I, II, III and IV simultaneously.
Prerequisites:
- ARS 521 with a minimum grade of D-
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Ceramics (301)
  - Studio Art (300)

ARS726. Ceramics III . 3 Credits.
Continued advanced study as described in 09725, Ceramics I. Students may enroll in Ceramics I, II, III and IV simultaneously.
Prerequisites:
- ARS 521 (may be taken concurrently) with a minimum grade of D-
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Ceramics (301)
  - Studio Art (300)

ARS727. Ceramics IV . 3 Credits.
Continued advanced study as described in 09725, Ceramics I. Students may enroll in Ceramics I, II, III and IV simultaneously.
Prerequisites:
- ARS 521 with a minimum grade of D-
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Ceramics (301)
  - Studio Art (300)

ARS731. Metal II . 3 Credits.
Building on comprehension of the field's historical, contemporary and critical discourse, students develop their research and consider their work in context to the broader field. Continuation of ARS533. Students may enroll in Metal I, II, and III simultaneously.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Metal (302)
  - Studio Art (300)
ARS732. Metal III . 3 Credits.
Students expand and further develop a research agenda conversant with the theoretical models of the discipline. Students may enroll in Metals I, II and III simultaneously.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Metal (302)
  • Studio Art (300)

ARS734. Problems in Metal II. 3 Credits.
Students identify specific concerns in relation to their inquiry in metal, jewelry and objects, establishing material investigations and a range of studio outcomes. Students may enroll in Problems in Metal I, II and III simultaneously.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Metal (302)
  • Studio Art (300)

ARS735. Problems in Metal III. 3 Credits.
Students further clarify the direction of their research, identify and develop strategies in their work as it pertains to subject matter, process, format, context, and imaging. Students may enroll in Problems in Metal I, II, and III simultaneously.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Metal (302)
  • Studio Art (300)

ARS740. Book Arts . 3 Credits.
Book Arts is an interdisciplinary course, designed to introduce students to the concepts and techniques used in making artists’ books. Topics to be explored include the visualization of ideas in book form, the book as a physical object, the use of a variety of materials and forms, narrative progression and combining text and images. Traditional book formats and binding techniques will be taught, but emphasis will be on innovative uses of the book as a vehicle for ideas. This course is designed to be inter-disciplinary, and requires that students have prior experience in a variety of studio techniques so that these techniques can be used in the course.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Ceramics (301)
  • Sculpture (306)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Studio Art (300)
  • Metal (302)

ARS742. Painting II . 3 Credits.
Advanced experimental study with emphasis on contemporary approaches to content, process, format, and materials. Studio experience is balanced with critical/theoretical dialogue. Students may enroll in Painting I, II, III and IV simultaneously. Students may register for up to two sections of painting per semester.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Ceramics (301)
  • Sculpture (306)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Studio Art (300)
  • Metal (302)

ARS743. Graduate Digital Painting Lab. 3 Credits.
Multi-media studio course introducing digital art studio practice focused on digital imaging and cross-media experimentation; builds on skills, techniques, and critique of digital art concepts like compositing, appropriation, collage, and remixing. Direct and transfer printing taught for varied substrates.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS745. Painting III . 3 Credits.
Individually planned studio research. Critical/theoretical discourse is combined with advanced technical and conceptual approaches to image development. May be repeated for credit. Students may enroll in Painting I, II, III and IV simultaneously. Students may register for up to two sections of painting per semester.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Ceramics (301)
  • Sculpture (306)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Studio Art (300)
  • Metal (302)
ARS746. Painting IV . 3 Credits.
Individually planned studio research. Critical/theoretical discourse is combined with advanced technical and conceptual approaches to image development. May be repeated for credit. Students may enroll in Painting I, II, III and IV simultaneously. Students may register for up to two sections of painting per semester.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Ceramic (301)
  - Sculpture (306)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Studio Art (300)
  - Metal (302)

ARS750. . 3 Credits.
Introduction to photographic studio lighting with strobes and hot lights, on-site lighting, and on-camera lighting. Creation of constructed images and related concept and creative project development.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS751. Photography and Related Media III. 3 Credits.
Advanced study of photography and related media with emphasis on contemporary approaches to concept, process, and materials. Focus on conceptual and technical precision in project development combined with critical dialogue.

Restrictions:
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS752. Photography and Related Media IV. 3 Credits.
Advanced study of photography and related media with emphasis on contemporary approaches to concept, process and materials. Focus on modes of presentation and contextualization in project development combined with critical dialogue.

Restrictions:
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS753. Advanced Digital Color Print. 3 Credits.
Exploration of the role of technical and material research in photographic project development. Focus is on advanced digital image processing and printing techniques in relation to concept and content.

Restrictions:
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS754. Digital Video. 3 Credits.
Introduces digital video and audio capture and editing techniques. Explores the creative dimension of time-based media and related techniques through individual and/or collaborative experimental projects.

Restrictions:
- Must have the following field(s) of study (major, minor or concentration):
  - Art Studio (256)
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)
ARS758. The Large Format Image. 3 Credits.
Introduces the view camera and advanced black-and-white darkroom printing techniques as creative tools as well as high resolution scanning and large format digital printing from digitally captured or scanned images. Conceptual and technical development of related bodies of work.

Restrictions:
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS759. Photo Books and Installations. 3 Credits.
Exploration of the photographic image in context: mixed media, site specificity, image sequence. Conceptual and technical development of individual creative projects.

Restrictions:
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS760. The Document. 3 Credits.
Introduces strategies and concepts of documentary photography and related practices and engages with traditional and emerging forms of dissemination. Social, psychological, environmental, and/or political issues are explored through creative projects.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS761. Contemporary Issues in Photography. 3 Credits.
Explores visual culture and the evolving role and potential of lens based media. Focuses on artistic research strategies as the foundation of the conceptual and technical development of a related body of work.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS762. Printmaking II . 3 Credits.
Continuation of 09561. Students may enroll in Printmaking I, II and III simultaneously.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Printmaking (305)
  - Studio Art (300)

ARS763. Papermaking. 3 Credits.
Covers a variety of papermaking techniques. Course material will be presented by a variety of means, including demonstrations, Power Point presentations and slide lectures, field trips, visiting artists, reading assignments, research assignments, etc.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)
ARS764. Contemporary Ideas in Printmaking. 3 Credits.
Seminar explores critical viewpoints relevant to the field of printmaking.
Course is structured around readings from contemporary and historical
sources, discussion, presentations, field research, and the development of
research projects and image based on presentations.
Restrictions:
  • Must have the following level: Graduate
  • Must have the following field(s) of study (major, minor or
    concentration):
    •  · Studio Art (300)
    •  · Sculpture (306)
    •  · Metal (302)
    •  · Painting-Drawing (303)
    •  · Printmaking (305)
    •  · Visual Arts Education (050A)
    •  · Ceramics (301)

ARS765. Printmaking III. 3 Credits.
Projects and individual study in advanced printmaking conceptions
and techniques. May be repeated for credit. Students may enroll in
Printmaking I, II and III simultaneously.
Restrictions:
  • Must have the following level: Graduate
  • Must have the following field(s) of study (major, minor or
    concentration):
    •  · Printmaking (305)
    •  · Studio Art (300)

ARS766. Monotype. 3 Credits.
This course will explore the fine art of monotype printmaking, a
spontaneous process that combines drawing, painting and printmaking
techniques. It results in a one-of-a-kind image that is developed on a
flat plate with oil and/or water-based mediums, and then transferred to
another source, usually paper.
Restrictions:
  • Must have the following level: Graduate
  • Must have the following field(s) of study (major, minor or
    concentration):
    •  · Printmaking (305)
    •  · Studio Art (300)

ARS767. Media-Intervention. 3 Credits.
An exploration of a cross-disciplinary integration between printmaking
and sculpture methods. It will lead to the production of works that
capitalize on the potential of mixed media and experimental blends that
are inherent to each option.
Restrictions:
  • Must have the following level: Graduate
  • Must have the following field(s) of study (major, minor or
    concentration):
    •  · Printmaking (305)
    •  · Studio Art (300)

ARS768. Photo Silkscreen. 3 Credits.
This versatile process, Photo Silkscreen, will allow the student to transfer
drawings or computer printouts on transparencies to their screens. Using
water-based inks, the images will be printed on paper, fabric, plexiglass or
a diverse range of other surfaces.
Restrictions:
  • Must have the following level: Graduate
  • Must have the following field(s) of study (major, minor or
    concentration):
    •  · Printmaking (305)
    •  · Studio Art (300)

ARS771. New Media 3D + 4D. 3 Credits.
Students will explore the use of new digital media in the third and
fourth dimensions by investigating digital video, DVD authoring, and
interactivity/robotics. Students will spend equal time in the computer lab
and sculpture studio.
Restrictions:
  • Must have the following level: Graduate
  • Must have the following field(s) of study (major, minor or
    concentration):
    •  · Studio Art (300)
    •  · Sculpture (306)
    •  · Metal (302)
    •  · Painting-Drawing (303)
    •  · Printmaking (305)
    •  · Art Studio (256)
    •  · Ceramics (301)

ARS773. Sonic Measures. 3 Credits.
Sonic measures is an advanced, interdisciplinary course which explores
the realm of sound as material for imaginative expression and as support
for other multimedia work in video installation and performance.
Restrictions:
  • Must have the following level: Graduate
  • Must have the following field(s) of study (major, minor or
    concentration):
    •  · Studio Art (300)
    •  · Sculpture (306)
    •  · Metal (302)
    •  · Painting-Drawing (303)
    •  · Printmaking (305)
    •  · Art Studio (256)
    •  · Ceramics (301)

ARS774. Sculpture Situations. 3 Credits.
Sculpture Situations is an advanced course which addresses the
contexts in which sculpture operates in contemporary art. The course
investigates installation, site intervention/alteration, video art and
performance.
Restrictions:
  • Must have the following level: Graduate
  • Must have the following field(s) of study (major, minor or
    concentration):
    •  · Studio Art (300)
    •  · Sculpture (306)
    •  · Art Studio (256)
ARS775. Sculpture Projects. 3 Credits.
Projects and individual studio research in advanced sculpture conceptions and techniques. May be repeated for credit. Students may enroll in Sculpture I and II simultaneously.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Ceramics (301)
  • Sculpture (306)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Studio Art (300)
  • Metal (302)

ARS776. Site Projects . 3 Credits.
To provide ground-work for developing skills in preparation of proposals and grants, dealing with public art, architecture and environmental ideas in model form. For senior Art majors and graduate Art majors.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Sculpture (306)
  • Art Studio (256)

ARS780. Internship in College Art Studio Teaching . 3 Credits.
Student audits an undergraduate studio course and assists the instructor in planning and instruction. Internship includes a bi-weekly seminar exploring issues of college-level teaching in the arts. May be repeated for credit.
Restrictions:
• Must have the following level: Graduate

ARS782. Studio in Intermedia Design: VRL . 3 Credits.
Production and critique of studio work in graphic design and photography generated in response to the theory seminar. Assigned and self-directed projects or problem investigations relative to candidate's area of interest and research conducted in seminar. May be repeated for credit.
Restrictions:
• Must have the following level: Graduate

ARS784. VRL Studio . 3 Credits.
Specialized course studies in graphic design and photography related to study project of the candidate, elected from offerings of the graduate level. Approval of the candidate's advisory committee and approval of the instructor are required. May be repeated for credit, courses are non-sequential.
Restrictions:
• Must have the following level: Graduate

ARS785. Graduate Study in Design: VRL II . 3 Credits.
Specialized course study in graphic design and photography related to study project of the candidate, elected from offerings of graduate level. Approval of the candidate's advisory committee and approval of the instructor are required. May be repeated for credit, courses are non-sequential.
Restrictions:
• Must have the following level: Graduate

ARS788. MFA Thesis in Intermedia Design: VRL . 6 Credits.
Execution and presentation of a body of significant work in graphic design/photography as evidence of the candidate's level of accomplishment. Project selected in consultation with VRL faculty and thesis committee. Paper and slides required. Must be repeated once for credit.
Restrictions:
• Must have the following level: Graduate

ARS790. Thesis in Art Studio. 3-12 Credits.
Students complete and exhibit a body of creative work culminating the graduate degree. MAAS candidates complete one semester of Thesis for 3 credits. MFA candidates complete a total of 12 credits, Thesis I and II for 6 credits each. MFA candidates must convene a thesis committee. An artist statement and appropriate documentation of the thesis exhibition are submitted to the college library. Required form available in the Records and Registration Office.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Art Studio (256)
  • Ceramics (301)

ARS793. Art Studio Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Art Studio (256)
  • Ceramics (301)
  • Visual Arts Education (050A)
ARS794. Fieldwork In Art Studio. 1-12 Credits.
Restrictions:
  • Must have the following level: Graduate

ARS795. Independent Study Art. 1-12 Credits.
Restrictions:
  • Must have the following level: Graduate

ARS799. Continued Registration. 1-6 Credits.
Restrictions:
  • Must have the following level: Graduate

MFA in Art

Admission Requirements

• One official copy of all undergraduate and graduate course work; the baccalaureate transcript should be from a regionally accredited institution with a 3.0 cumulative grade point average (GPA). New Paltz is encouraging of interdisciplinary scholarship and we support applicants with degrees from non-studio areas who are able to demonstrate a strong body of work.

• Two letters of reference from former teachers or other professionals in the field familiar with the candidate’s qualifications who can support the candidate’s ability to do graduate work.

• Completion of the online application process requires uploading a minimum of 20 images, the majority of which must be in the major field to which application is made.

• Please note that we require a minimum of 12 individual pieces; additional detail photographs and installation documentation can be included. You may include external links to videos as part of your portfolio. Each work sample must be labeled with the title of work, medium, size, and date. Images can be labeled and ordered as they are uploaded. For good image quality and fast upload, we recommend jpeg images no larger than 1280 x 1280 pixels @ 72 ppi.

• Each image should document a finished work, or present a detail or alternate view of a finished work. Please do not submit composite images that include explanatory text, preparatory drawings and comparisons with other pieces. Our online portfolio includes a label section and we encourage you to provide more details and context about your work there and in your artist statement.

• Completion of the online application process requires a 300-500 word artist’s statement that discusses the candidate’s concepts, material comparisons with other pieces. Our online portfolio includes a label section and we encourage you to provide more details and context about your work there and in your artist statement.

• Completion of the online application process requires a 300-500 word letter of intent that states the candidate’s goals for graduate study.

Priority is granted to applications received by January 15. Applications will still be considered after this date as long as studio spaces remain available. We encourage potential applicants to check with the faculty to verify availability. In order to maintain a cohesive community we prefer admissions to take place for the Fall semester. We strive for a dynamic and highly qualified cohort and recognize that students often come from diverse backgrounds; exceptions to application requirements, deadlines and matriculation dates will be reviewed on a case by case scenario.

MFA in Art

Admission Requirements

Transfer Credit

With the approval of your academic advisor and the Assistant Vice President of the Graduate & Extended Learning Office, students can transfer up to 6 graduate credits.

Program Requirements

File a degree plan of study during the first semester after matriculation.

Convene a Thesis Review Committee including an external evaluator by the conclusion of the second semester.

Complete prescribed course work and other requirements within five years after matriculation.

Maintain a cumulative grade point average of 3.0 or better in all courses taken at New Paltz, with no more than two grades below B-. International students must meet graduate school requirements for language proficiency. If remedial work in English is necessary, a student may be required to enroll in English as a Second Language. All entrance/placement examinations must be taken before any student may register for graduate classes.

Present a thesis exhibition approved by recommendation of your primary advisor.

Final documentation of thesis exhibit must be filed with the library in accordance with departmental guidelines. Complete submission is as follows:

1. The thesis document is a self-published pdf document that is uploaded to the SUNY Digital Repository (DSpace).

2. To upload your paper you will need to submit a MFA Electronic Thesis Approval Form: This document must be printed, signed by you and your thesis advisor and uploaded to DSpace as a pdf with your thesis paper. It can be downloaded from the following site: http://library.newpaltz.edu/policies/masters.html#MFA
3. The thesis paper will contain a table of contents, followed by the thesis paper and bibliography.

4. Table of Contents: The table of contents contains headings indicating separate sections and page numbers.

5. Thesis paper (minimum 5 pages double-spaced not including images). This paper details the conceptual and material development of your research. Detailed thesis content guidelines are provided during the course of study.


7. Library Documentation Process: To submit your thesis electronically, you will need to register for an account through the SUNY Digital Repository (DSpace) (https://dspace.sunyconnect.suny.edu). Specific instructions will be reviewed during your third semester. Once you have completed this training session you will register (http://dspace.sunyconnect.suny.edu/register) with your New Paltz email address and follow the instructions (https://library.newpaltz.edu/policies/masters.html#MFA) for submitting your thesis.

8. Your complete and approved thesis paper must be uploaded to DSpace by the time specified during the library training session. Failure to turn your thesis in on time will result in an H grade (hold) and delay your graduation. If you fail to complete the thesis exhibition or paper within one year the H grades turn into an F without recourse for change. If you did not complete your thesis exhibition or paper you must enroll in a 0 credit continued registration course until you thesis is approved. Please contact the graduate coordinator for information about how to enroll in this course.

Art Education
(845) 257-3850

Master of Science in Education in Visual Arts Education

The Master of Science in Education in Visual Arts Education serves certified art teachers who are pursuing a master’s degree for professional advancement, artist-teacher development, and/or students who wish to obtain a master’s degree in preparation for doctoral study. The MSEd program meets New York State art teachers requirements to complete a master’s degree for Professional teaching certification, and is intended for regional and non-regional artist-teachers interested in a dynamic, blended graduate program that is both efficient and flexible to professional needs.

In response to student interest and a curricular emphasis on arts-based research, the Visual Arts Education Graduate Program has been streamlined to a fifteen-month blended learning experience where students are engaged in summer-intensive course work, online course work during the school year, and one winter intersession retreat. The unique curricular combination of on-campus and online course work allows for robust engagement with course curricula, development of mentorship with faculty, and building of community in student cohorts.

Graduate Program in Art Education
- MSEd in Visual Arts Education (p. 88)
ARE520. Winter Session Review. 1 Credit.
In this Winter session weekend course, students will synthesize and refine ideas for their body of artwork, Artist Statement, Journal, and classroom experience developed during the fall semester.
Prerequisites:
  • ARE 517 with a minimum grade of D-
Restrictions:
  • Must have the following level: Graduate

ARE593. Art Ed Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
  • Must have the following level: Graduate

ARE594. Fieldwork In Art Ed. 3 Credits.
Restrictions:
  • Must have the following level: Graduate

ARE595. Indep Study Art Ed. 0 Credits.
Restrictions:
  • Must have the following level: Graduate

ARE701. Seminar in Art Education . 3 Credits.
This course will focus on the current directions and practices in art education, art and related disciplines. Attention will be given to the reflection on current practice of graduate students writing a comprehensive plan of study. This required course must be taken within the first six credits of graduate study.
Restrictions:
  • Must have the following level: Graduate

ARE717. Research in Art Education . 3 Credits.
Designed as an introduction to research topics and methods in art education. Topics include: Identification of research problems, the literature review, conducting searches, and reading and interpreting research journal articles. Different types of inquiry – descriptive, quantitative, qualitative, philosophical and curriculum research – will be examined. This course is designed for students to complete individual scholarly reviews of the literature in the topic areas for this master’s thesis projects.
Prerequisites:
  • ARE 701 with a minimum grade of D-
Restrictions:
  • Must have the following level: Graduate

ARE721. Art and Pedagogy II. 3 Credits.
Students synthesize studio and pedagogical research and apply to the development of curriculum emerging from contemporary artistic practices. Includes designing curriculum and instructional strategies, organizing and presenting synthesis research in a public forum, and developing writing for publication.
Restrictions:
  • Must have the following level: Graduate
  • Must have the following field(s) of study (major, minor or concentration):
    • Interdisciplinary (050I)
    • Summer Intensive (050S)
    • Visual Arts Education (050A)

ARE790. Thesis in Art Education (3-6) . 3-6 Credits.
Preparation and writing of a thesis under the guidance of the major professor. Required form available in the Records and Registration Office.
Restrictions:
  • Must have the following level: Graduate

ARE793. Art Ed Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
  • Must have the following level: Graduate

ARE794. Fieldwork in Art Educat. 3 Credits.
Restrictions:
  • Must have the following level: Graduate

ARE795. Indep Study Art Ed. 1-12 Credits.
Restrictions:
  • Must have the following level: Graduate

ARE799. Continued Registration. 1-12 Credits.
Restrictions:
  • Must have the following level: Graduate

MSEd in Visual Arts Education

Admission Requirements

The deadline for receipt of all admission materials for the M.S. Ed. in Visual Arts Education program is April 15. Please prepare the following items for inclusion in the online application process:

  • One official copy of transcripts showing all undergraduate and graduate course work and earned degrees. A minimum of 3.0 cumulative grade point average is required for admission.
  • Evidence of New York State initial certification in art education.
  • Contact information for two school administrators or personnel who will write you a letter of recommendation
  • A current resume or CV indicating at least one year of teaching experience.
  • A paper which presents your art teaching philosophy with examples from current practice.
• Statement descriptive of area(s) of interest such as curriculum, pedagogy, philosophy, reform, or society as it relates to art education on which the applicant wishes to focus for graduate studies.
• A portfolio of personal and student studio work.

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>ARE501</td>
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<tr>
<td>ARS511</td>
<td>Introduction to Graduate Studio Research</td>
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<tr>
<td>ARH569</td>
<td>Art in Contemporary Culture</td>
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<td>ARE519</td>
<td>Art and Pedagogy I: Contemporary Approaches</td>
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<td>ARE517</td>
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<td>ARE520</td>
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<td>ARS513</td>
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Program Requirements

MSEd in Visual Arts Education students must complete a total of 30 credits, mount a final show of work, and complete a piece of scholarly writing suitable for submission to a peer-reviewed professional journal. Courses in this program may not be taken out of sequence.
BACHELOR'S + MASTER'S DEGREE IN 5 YEARS

The Five-Year Master Plan is a pathway to earning two powerful credentials, a Bachelor’s degree and a Master’s degree, in just five years. Currently, we are offering the following multi-degree programs:

- Bachelor’s of Arts (BA) in English + Master’s of Arts (MA) in English (p. 52)
- Bachelor’s of Arts (BA) in Chemistry + Master of Arts in Teaching (MAT) Adolescence Ed: Chemistry (p. 90)
- Bachelor’s of Arts (BA) in Geology + Master of Arts in Teaching (MAT) Adolescence Ed: Earth Science (p. 91)
- Bachelor’s of Science (BS) in Computer Engineering + Master’s of Science (MS) in Electrical Engineering (p. 73)
- Bachelor’s of Science (BS) in Electrical Engineering + Master’s of Science (MS) in Electrical Engineering (p. 73)

BA in Chemistry + MAT in Adolescence Ed: Chemistry

We’ve developed this program in response to popular demand from students and parents who have called for a pathway to fulfilling jobs in education and science, and to school districts who report an increasing number of full-time job openings in STEM disciplines. Graduation from the Five-Year Master Plan empowers students with options to choose the career they find most fulfilling, whether that means becoming a science teacher, working as a chemist, or pursuing a PhD.

How does it work?

ENROLL in the Five-Year Master Plan and begin taking foundational science courses as a first-year student.

MAINTAIN a 3.0 GPA as you take embedded education courses and pursue your Bachelor of Arts (BA) degree in Chemistry.

QUALIFY for early admission to the graduate program during your junior year.

EARN your BA degree in four years, while taking education courses to prepare for your accelerated graduate program.

COMPLETE the MAT program, including all student teaching requirements in just one year

Undergraduate Major Declaration

To participate in the BA/MAT program in Chemistry, interested undergraduates should:

1. Submit a Declaration of Major/Change of Major form indicating the BA/MAT program in Chemistry (major 50CH) to the office of Records and Registration (Wooster Hall, rm. 115).
2. Meet with Professor Millham to begin selecting courses. Maintain a GPA of 3.0 and take the Graduate Record Exam (GRE) general exam in the spring of your sophomore year to fulfill admission requirements for the graduate program.

Early Admission to Graduate Program

During their junior year, students finalize their early admission to the Master of Arts in Teaching program:

- Log into my.newpaltz.edu and select “Apply Now!” under the “Graduate Studies” section.
- Select the fall term when you would like to begin your graduate coursework and major code (104C).

NOTE: this program only admits for the fall term.
- Select “BA Chemistry/MAT Adolescence Ed: Chemistry Program” as the intended curriculum.

Upload Checklist Items

To expedite a faculty review of an application, students may upload the following items:

- Admission Essay
- Student copies of transcripts* from every college/university attended
- Student copies of GRE scores*

* Full admission REQUIRES the submission of official transcripts and test scores.

Check Your Application Status

- Check your application status via my.newpaltz.edu by selecting “View Application” under the “Graduate Studies” section.

BA in Chemistry

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<tr>
<td>MAT252</td>
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<td>Elementary Foreign Language II</td>
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<td>Credits</td>
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<td>Year 2</td>
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<td>EDS372</td>
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Spring

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<td>PHY202</td>
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<td>Humans</td>
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Credits: 14

Year 3

Fall

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<td>CHE303</td>
<td>Introduction to Analytical Chemistry</td>
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<td>MAT341</td>
<td>Applied Mathematics I</td>
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<td>Western Civilization Course</td>
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<td>Take GRE exam</td>
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Credits: 16

Spring

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<td>EDS383</td>
<td>Introduction to Literacy for Diverse Learners</td>
<td>3</td>
</tr>
<tr>
<td>BIO201</td>
<td>General Biology I</td>
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<td>or GLG201 or Physical Geology</td>
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<td>BIO211</td>
<td>Gen Bio 1 Lab</td>
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<td>Upper-division Liberal Arts elective</td>
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<td></td>
<td>Apply for early admission to the MAT</td>
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Credits: 16

Year 4

Fall

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<td>CHE323</td>
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<td>Upper-division Liberal Arts or elective</td>
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<td></td>
<td>Graduate Education or Chemistry Liberal Arts elective</td>
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Credits: 16

Spring

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<td>BCM461</td>
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<td>SED453</td>
<td>Curriculum and Assessment in the Secondary School</td>
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<td>SED353</td>
<td>Field Work #1</td>
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<td>SED356</td>
<td>Teaching and Learning in the Digital Environment</td>
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<td></td>
<td>Integrating ELLs in the School &amp; Classroom</td>
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Credits: 16

Total Credits: 122

MAT in Adolescence Education: Chemistry

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<td>Discipline-specific education course, an</td>
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<td>Fall (13 Credits)</td>
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<td>SED543</td>
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<td>SED552</td>
<td>Field Experience II</td>
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<td>SPE565</td>
<td>Teaching in Inclusive Classrooms</td>
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<td>Select TWO of the following courses not</td>
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<td></td>
<td>Discipline-specific education course,</td>
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<td>approved Diversity elective, or a course in discipline</td>
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<td>Spring (14 Credits)</td>
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<td>SED604</td>
<td>Practicum in Secondary Ed 7-9</td>
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<td>SED605</td>
<td>Practicum in Secondary Ed 10-12</td>
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<td>SED606</td>
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<tr>
<td>SED553</td>
<td>Field Experience III</td>
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Total Credits: 30

BA in Geology + MAT in Adolescence Ed: Earth Science

We've developed this program in response to popular demand from students and parents who have called for a pathway to fulfilling jobs in education and science, and to school districts who report an increasing number of full-time job openings in STEM disciplines. Graduation from the Five-Year Master Plan empowers students with options to choose the career they find most fulfilling, whether that means becoming a science teacher, working as a chemist, or pursuing a PhD.

How does it work?

ENROLL in the Five-Year Master Plan and begin taking foundational science courses as a first-year student.

MAINTAIN a 3.0 GPA as you take embedded education courses and pursue your Bachelor of Arts (BA) degree in Geology.

QUALIFY for early admission to the graduate program during your junior year.

EARN your BA degree in four years, while taking education courses to prepare for your accelerated graduate program.

COMPLETE the MAT program, including all student teaching requirements in just one year.

Undergraduate Major Declaration

To participate in the BA/MAT program in Geology, interested undergraduates should:

1. Submit a Declaration of Major/Change of Major form indicating the BA/MAT program in Geology (major 51ES) to the office of Records and Registration (Wooster Hall, rm. 115).
2. Meet with Professor Millham to begin selecting courses. Maintain a GPA of 3.0 and take the Graduate Record Exam (GRE) general exam in the spring of your sophomore year to fulfill admission requirements for the graduate program.
Early Admission to Graduate Program
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- Select the fall term when you would like to begin your graduate coursework and major code (102E).
  **NOTE:** this program only admits for the fall term.
- Select "BA Geology/MAT Adolescence Ed: Earth Science Program" as the intended curriculum.

Upload Checklist Items
To expedite a faculty review of an application, students may upload the following items:

- Admission Essay
- Student copies of transcripts* from every college/university attended
- Student copies of GRE scores*

  * Full admission REQUIRES the submission of official transcripts and test scores.

Check Your Application Status
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**BA in Geology**

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<thead>
<tr>
<th>Course</th>
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<tr>
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<td>CHE211</td>
<td>General Chemistry I Lab</td>
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<td>MAT251</td>
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<td>GLG201</td>
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<td><strong>Year 2</strong></td>
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<td>PHY201</td>
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<tr>
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<td>BIO201</td>
<td>General Biology I (or other 4 credit science elective)</td>
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<td>BIO211</td>
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<td>or PHY206</td>
<td>Exploring the Universe</td>
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<td>Introduction to Literacy for Diverse Learners</td>
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<td>Other World Course</td>
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<td>BIO201</td>
<td>General Biology I (or other 4 credit science elective)</td>
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<tr>
<td>BIO211</td>
<td>Gen Bio 1 Lab</td>
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<tr>
<td>PHY205</td>
<td>Exploring the Solar System</td>
<td>3</td>
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<tr>
<td>or PHY206</td>
<td>Exploring the Universe</td>
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<tr>
<td>GLG405</td>
<td>Structure and Tectonics</td>
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<tr>
<td>GLG435</td>
<td>Field Geology</td>
<td>4</td>
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<tr>
<td>Geology course by advisement</td>
<td>3-4</td>
<td></td>
</tr>
<tr>
<td>Western Civilization course</td>
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<td></td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td><strong>14-15</strong></td>
</tr>
<tr>
<td><strong>Year 4</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Fall</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arts course</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>SED353</td>
<td>Field Work #1</td>
<td>1</td>
</tr>
<tr>
<td>SED356</td>
<td>Teaching and Learning in the Digital Environment</td>
<td>3</td>
</tr>
<tr>
<td>Integrating ELLs in the School &amp; Classroom</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Graduate education or geology liberal arts elective by advisement</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td><strong>13</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>121-122</strong></td>
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MAT in Adolescence Ed: Earth Science

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td></td>
<td>Summer (3 Credits)</td>
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<tr>
<td></td>
<td>Select ONE of the following if offered:</td>
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<tr>
<td></td>
<td>discipline-specific education course, an</td>
<td></td>
</tr>
<tr>
<td></td>
<td>approved diversity course, or an approved</td>
<td></td>
</tr>
<tr>
<td></td>
<td>course in discipline</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fall (13 Credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select TWO of the following courses not</td>
<td>6</td>
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<tr>
<td></td>
<td>taken during summer: discipline-specific</td>
<td></td>
</tr>
<tr>
<td></td>
<td>education, an approved diversity course, or</td>
<td></td>
</tr>
<tr>
<td></td>
<td>an approved course in discipline</td>
<td></td>
</tr>
<tr>
<td>SED543</td>
<td>Science in the Secondary School</td>
<td>3</td>
</tr>
<tr>
<td>SED552</td>
<td>Field Experience II</td>
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<tr>
<td>SED565</td>
<td>World History Institute</td>
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<td></td>
<td>Spring (14 Credits)</td>
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<tr>
<td>SED604</td>
<td>Practicum in Secondary Ed 7-9</td>
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</tr>
<tr>
<td>SED605</td>
<td>Practicum in Secondary Ed 10-12</td>
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<tr>
<td>SED606</td>
<td>Practicum Seminar</td>
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<tr>
<td>SED553</td>
<td>Field Experience III</td>
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<tr>
<td></td>
<td>Total Credits</td>
<td>30</td>
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</table>

Five-Year BS in Electrical Engineering/MS in Electrical Engineering

The 5-year BS in Electrical Engineering + MS in Electrical Engineering program provides students with a fast-track Master of Science degree in Electrical Engineering. This program is open to SUNY New Paltz juniors who are in good academic standing and interested in pursuing a Bachelor of Science in Electrical Engineering.

Admission Requirements

To qualify for the BS in Electrical Engineering + MS in Electrical Engineering program, students must have completed the first semester of their junior year in residence at SUNY New Paltz with an overall SUNY New Paltz GPA of at least 3.0.

To apply, students should:

- Complete the online graduate application via my.newpaltz.edu (major 268)
- Upload an internal New Paltz transcript (they are free for NP students in my.newpaltz.edu)
- Provide the contact information for one faculty reference
- $60 Graduate application fee

Curriculum Requirements

Accepted students are permitted to enroll in two 500-level graduate courses (six credits). These courses, in addition to satisfying students’ bachelor’s degree, will count toward their master’s degrees. The remaining 24 credits of the master’s requirement will be taken in the fifth year of study.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Engineering Coursework (0 Credits)</td>
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</tr>
<tr>
<td></td>
<td>Working with your advisor, select five</td>
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<tr>
<td></td>
<td>Engineering Courses</td>
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<tr>
<td></td>
<td>Select the Project Option or Thesis Option</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>(0 Credits)</td>
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</tr>
<tr>
<td></td>
<td>Project Option:</td>
<td></td>
</tr>
<tr>
<td>EGE532</td>
<td>Computer Arithmetic</td>
<td></td>
</tr>
<tr>
<td>EGE533</td>
<td>Introduction to Parallel Computing</td>
<td></td>
</tr>
<tr>
<td>EGE534</td>
<td>Fault-Tolerant Design of Digital Systems</td>
<td></td>
</tr>
<tr>
<td>EGE535</td>
<td>Low Power VLSI Design</td>
<td></td>
</tr>
<tr>
<td>EGE536</td>
<td>Computer Architecture</td>
<td></td>
</tr>
<tr>
<td>EGE537</td>
<td>VLSI Design</td>
<td></td>
</tr>
<tr>
<td>EGE543</td>
<td>Antennas and Wave Propagation</td>
<td></td>
</tr>
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<td>EGE544</td>
<td>Microwave Circuits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Thesis Option</td>
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</tr>
<tr>
<td>EGE590</td>
<td>Thesis in Electrical Engineering</td>
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</tr>
<tr>
<td>EGE593</td>
<td>Engineering Selected Topic</td>
<td></td>
</tr>
</tbody>
</table>

Program Requirements

Once admitted to the BS/MS program, students must maintain a 3.0 cumulative GPA in all courses through the senior year. In addition, students must earn a B or better in each of the two graduate courses that they take as undergraduates. Students not satisfying these requirements will be re-evaluated for continuation in the program.

Five-Year BS in Computer Engineering/MS in Electrical Engineering

The 5-year BS in Computer Engineering + MS in Electrical Engineering program provides students with a fast-track Master of Science degree in Electrical Engineering. This program is open to SUNY New Paltz juniors who are in good academic standing and interested in pursuing a Bachelor of Science in Electrical Engineering.

Admission Requirements

To qualify for the BS in Computer Engineering + MS in Electrical Engineering program, students must have completed the first semester of their junior year in residence at SUNY New Paltz with an overall SUNY New Paltz GPA of at least 3.0.

To apply, students should:

- Complete the online graduate application via my.newpaltz.edu (major 268)
- Upload an internal New Paltz transcript (they are free for NP students in my.newpaltz.edu)
- Provide the contact information for one faculty reference
- $60 Graduate application fee

Curriculum Requirements

Accepted students are permitted to enroll in two 500-level graduate courses (six credits). These courses, in addition to satisfying students’ bachelor’s degree, will count toward their master’s degrees. The remaining 24 credits of the master’s requirement will be taken in the fifth year of study.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Engineering Coursework (0 Credits)</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Working with your advisor, select five</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Engineering Courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select the Project Option or Thesis Option</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>(0 Credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Project Option:</td>
<td></td>
</tr>
<tr>
<td>EGE532</td>
<td>Computer Arithmetic</td>
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<tr>
<td>EGE533</td>
<td>Introduction to Parallel Computing</td>
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</tr>
<tr>
<td>EGE534</td>
<td>Fault-Tolerant Design of Digital Systems</td>
<td></td>
</tr>
<tr>
<td>EGE535</td>
<td>Low Power VLSI Design</td>
<td></td>
</tr>
<tr>
<td>EGE536</td>
<td>Computer Architecture</td>
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</tr>
<tr>
<td>EGE537</td>
<td>VLSI Design</td>
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</tr>
<tr>
<td>EGE543</td>
<td>Antennas and Wave Propagation</td>
<td></td>
</tr>
<tr>
<td>EGE544</td>
<td>Microwave Circuits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Thesis Option</td>
<td></td>
</tr>
<tr>
<td>EGE590</td>
<td>Thesis in Electrical Engineering</td>
<td></td>
</tr>
<tr>
<td>EGE593</td>
<td>Engineering Selected Topic</td>
<td></td>
</tr>
</tbody>
</table>

Program Requirements

Once admitted to the BS/MS program, students must maintain a 3.0 cumulative GPA in all courses through the senior year. In addition, students must earn a B or better in each of the two graduate courses that
they take as undergraduates. Students not satisfying these requirements will be re-evaluated for continuation in the program.
DEPARTMENTS OFFERING
GRADUATE COURSES ONLY

The academic departments below only offer graduate classes. They do not offer full degree programs.

- Anthropology (http://catalog.newpaltz.edu/graduate/departments_offering_graduate_courses_only/graduate/liberal-arts-sciences/anthropology)
- Art History (http://catalog.newpaltz.edu/graduate/fine-performing-arts/art-history)
- Biology (http://catalog.newpaltz.edu/graduate/departments_offering_graduate_courses_only/graduate/science-engineering/biology)
- Black Studies (http://catalog.newpaltz.edu/graduate/liberal-arts-sciences/black-studies)
- Chemistry (http://catalog.newpaltz.edu/graduate/science-engineering/chemistry)
- Geography (http://catalog.newpaltz.edu/graduate/liberal-arts-sciences/geography)
- Geology (http://catalog.newpaltz.edu/graduate/science-engineering/geology)
- History (http://catalog.newpaltz.edu/graduate/liberal-arts-sciences/history)
- Languages, Literatures and Cultures (http://catalog.newpaltz.edu/graduate/liberal-arts-sciences/languages-literatures-culture)
- Mathematics (http://catalog.newpaltz.edu/graduate/science-engineering/mathematics)
- Political Science (http://catalog.newpaltz.edu/graduate/liberal-arts-sciences/political-science)
- Women's Gender and Sexuality Studies (http://catalog.newpaltz.edu/graduate/liberal-arts-sciences/womens-studies-program)
COURSE DESCRIPTIONS

Abroad (ABD)

ABD552. STUDY ABROAD LONDON ART. 12 Credits.
ABD583. Business Studies in Europe. 12 Credits.
ABD585. SUNY Abroad IPSL. 12 Credits.
ABD598. STUDY ABROAD OTHER SUNY. 12 Credits.

Ancient World Studies (ANC)

ANC593. Ancient Studies Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

Anthropology (ANT)

ANT534. Archaeological Field School. 6 Credits.
Intensive field and laboratory instruction in excavation techniques, mapping and recording, artifact cataloging, analysis and curation, and the preparation and writing of archaeological reports.
Restrictions:
- Must have the following level: Graduate

ANT595. Indep Study Anthropology. 1-12 Credits.
Restrictions:
- Must have the following level: Graduate

ANT795. Indep Study Anthro. 1-12 Credits.
Restrictions:
- Must have the following level: Graduate

Arabic (ARB)

ARB595. Indep Study Arabic. 1-12 Credits.

Art Education (ARE)

ARE501. Graduate Readings in Art Education. 1 Credit.
Presents contemporary and historic readings in art education. Includes antecedents to and examples of contemporary pedagogical approaches to learning and teaching in art.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Interdisciplinary (050I)
  - Summer Intensive (050S)
  - Visual Arts Education (050A)

ARE517. Visual Arts Research I. 2 Credits.
Working concurrently with Graduate Studio Research I, students will write a written proposal for a body of artwork based on theories, practices and contexts of the visual arts and art education pedagogy.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Interdisciplinary (050I)
  - Summer Intensive (050S)
  - Visual Arts Education (050A)

ARE518. Visual Arts Research II. 2 Credits.
Students continue to probe the relationship between theory and practice as a core element in artistic and pedagogical research as a result of their exploration of research in Visual Arts Research I.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Interdisciplinary (050I)
  - Summer Intensive (050S)
  - Visual Arts Education (050A)

ARE519. Art and Pedagogy I: Contemporary Approaches. 3 Credits.
Students will utilize theoretical frameworks shaping contemporary art education practice to develop an expanded repertoire of contemporary pedagogical strategies for engaging students with making and discussing art.
Prerequisites:
- ARE 501 with a minimum grade of D-
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Interdisciplinary (050I)
  - Summer Intensive (050S)
  - Visual Arts Education (050A)

ARE520. Winter Session Review. 1 Credit.
In this Winter session weekend course, students will synthesize and refine ideas for their body of artwork, Artist Statement, Journal, and classroom experience developed during the fall semester.
Prerequisites:
- ARE 517 with a minimum grade of D-
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Interdisciplinary (050I)
  - Summer Intensive (050S)
  - Visual Arts Education (050A)
ARE593. Art Ed Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

ARE594. Fieldwork In Art Ed. 3 Credits.
Restrictions:
• Must have the following level: Graduate

ARE595. Indep Study Art Ed. 0 Credits.
Restrictions:
• Must have the following level: Graduate

ARE701. Seminar in Art Education . 3 Credits.
This course will focus on the current directions and practices in art education, art and related disciplines. Attention will be given to the reflection on current practice of graduate students writing a comprehensive plan of study. This required course must be taken within the first six credits of graduate study.
Restrictions:
• Must have the following level: Graduate

ARE717. Research in Art Education . 3 Credits.
Designed as an introduction to research topics and methods in art education. Topics include: Identification of research problems, the literature review, conducting searches, and reading and interpreting research journal articles. Different types of inquiry – descriptive, quantitative, qualitative, philosophical and curriculum research – will be examined. This course is designed for students to complete individual scholarly reviews of the literature in the topic areas for this master's thesis projects.
Prerequisites:
• ARE 701 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARE721. Art and Pedagogy II. 3 Credits.
Students synthesize studio and pedagogical research and apply to the development of curriculum emerging from contemporary artistic practices. Includes designing curriculum and instructional strategies, organizing and presenting synthesis research in a public forum, and developing writing for publication.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Interdisciplinary (050I)
  • Summer Intensive (050S)
  • Visual Arts Education (050A)

ARE790. Thesis in Art Education (3-6) . 3-6 Credits.
Preparation and writing of a thesis under the guidance of the major professor. Required form available in the Records and Registration Office.
Restrictions:
• Must have the following level: Graduate

Art History (ARH)

ARH500. Art Criticism . 3 Credits.
Philosophic and aesthetic foundations for a theory of criticism in the visual arts. Development of critical technique.
Restrictions:
• Must have the following level: Graduate

ARH501. Studies in Prehistoric Art . 3 Credits.
The earliest art and architecture of pre-literature cultures, especially in Europe before about 1000 B.C.
Prerequisites:
• ARH 201 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARH502. Studies in the Art of the Ancient Near East . 3 Credits.
An examination of selected topics dealing with the art of Mesopotamia, Iran, Anatolia and the Levant from the seventh millennium to the end of the first.
Prerequisites:
• ARH 201 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARH503. Studies in the Art of Ancient Egypt . 3 Credits.
This course examines selected topics relevant to the art and architecture of pharaonic Egypt.
Prerequisites:
• ARH 202 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
ARH504. Studies in Minoan and Mycenaean Art . 3 Credits.
This course examines selected topics relevant to the cultures of Crete and Mycenaean Greece from the beginning of the third to the end of the second millennium B.C.
Prerequisites:
• ARH 202 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARH505. Studies in Greek Art . 3 Credits.
An examination of selected topics dealing with the art and architecture of Greece, from 1000 B.C. to the end of the first millennium B.C.
Prerequisites:
• ARH 201 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARH506. Studies in Roman Art . 3 Credits.
An examination of selected topics dealing with Roman art in the Republican Period and the Imperial Era, from the second century B.C. to the fourth century A.D.
Prerequisites:
• ARH 201 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARH507. Studies in Byzantine Art . 3 Credits.
An examination of selected topics dealing with East Christian art from the age of Constantine the Great in the early fourth century B.C. to the fall of Constantinople in A.D. 1453.
Prerequisites:
• ARH 201 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARH508. Studies in Medieval Art . 3 Credits.
European art and architecture from the Early Christian period to the end of the Middle Ages c. A.D. 1500.
Prerequisites:
• ARH 201 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARH509. Studies in Italian Renaissance Art . 3 Credits.
A detailed analysis of a specific topic concerned with Early Renaissance and High Renaissance art in Italy such as: the Renaissance Portrait; or, Donatello and Early Renaissance Sculpture; or, Classical Subjects in Renaissance Painting and Sculpture -- the influence of Classical Art and Literature. Topics will be chosen to take advantage of art collections and special exhibitions in New York City and other nearby museums.
Prerequisites:
• ARH 202 with a minimum grade of D- and ARH 361 with a minimum grade of D- and ARH 364 with a minimum grade of D- and ARH 440 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARH510. Studies in Northern Renaissance Art . 3 Credits.
A detailed analysis of a specific topic such as: Developments in Landscape Painting, Drawing and Prints in the Low Countries, Germany and Austria; Image and Meaning from Bosch to Bruegel; Albrecht Durer, His Contemporaries and His Influence. Topics will be chosen to take advantage of the art collections and special exhibitions of museums in New York City and the region.
Prerequisites:
• ARH 202 with a minimum grade of D- and ARH 361 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARH511. Studies in Sixteenth-Century Art . 3 Credits.
This course examines a specific aspect of Renaissance and Mannerist art in Italy, including Italian artistic influence upon northern European artists during this time. Topics that might be investigated include: Problems in Mannerist Art; Titian and Venetian Painting of the Sixteenth Century; Michelangelo as Sculptor, Painter and Architect. Topics will be chosen to take advantage of the art collections and special exhibitions in museums in New York City and the region.
Prerequisites:
• ARH 202 with a minimum grade of D- and ARH 361 with a minimum grade of D- and ARH 362 with a minimum grade of D- and ARH 440 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARH512. Studies in Baroque Art . 3 Credits.
This course examines a specific aspect of the art and architecture of the seventeenth century in Europe such as: Rembrandt and His Influence; Genre Painting in the Low Countries; The Baroque Portrait; Bernini and the Roman Baroque. Topics will be chosen to take advantage of the art collections and special exhibitions in museums in New York City and the region.
Prerequisites:
• ARH 202 with a minimum grade of D- and ARH 361 with a minimum grade of D- and ARH 362 with a minimum grade of D- and ARH 383 with a minimum grade of D- and ARH 440 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARH513. Studies in Eighteenth-Century Art . 3 Credits.
A detailed analysis of an aspect of the period from Louis XIV to Napoleon in European Art and Architecture. Topics that could be investigated include: Asian Influences in European Art, Architecture and Gardens of the Eighteenth Century; Romantic Classicism to Neo-Classicism -- Changes in a Vision of Classical Antiquity; Women as Subjects, Patrons and as Artists in the Eighteenth Century. Topics will be chosen to take advantage of the art collections and special exhibitions in museums in New York City and the region.
Prerequisites:
• ARH 202 with a minimum grade of D- and ARH 383 with a minimum grade of D- and ARH 442 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
ARH514. Studies in Nineteenth-Century Art . 3 Credits.
A detailed analysis of an aspect of nineteenth-century European art.
Prerequisites:
• ARH 202 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARH515. Studies in Modern and Contemporary Art . 3 Credits.
Theory and criticism of major artists and artistic movements in Europe, America, and elsewhere from the beginning of the twentieth century.
Restrictions:
• Must have the following level: Graduate

ARH516. Studies in American Art . 3 Credits.
A detailed analysis of an aspect of American art from the Colonial period to the present. Students should have a basic understanding of the styles and periods of European art since the Renaissance as a foundation for the study of American art on the graduate level.
Restrictions:
• Must have the following level: Graduate

ARH517. Studies in East Asian Art . 3 Credits.
This course examines selected topics relevant to the arts and architecture of China, Korea, and Japan from the earliest times to the twentieth century.
Restrictions:
• Must have the following level: Graduate

ARH518. Studies in South Asian Art . 3 Credits.
This course examines selected topics relevant to the arts and architecture of South Asia, including India, Pakistan, Bangladesh, and Sri Lanka.
Prerequisites:
• ARH 360 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARH519. Studies in Islamic Art . 3 Credits.
This course examines selected topics relevant to the arts and architecture of the Islamic world, including both the central Islamic lands and outlying areas of Europe, Africa, and Asia.
Restrictions:
• Must have the following level: Graduate

ARH520. Studies in Pre-Columbian Art . 3 Credits.
Art and architecture in Mexico, Central and South America before European intervention c. A.D. 1500.
Restrictions:
• Must have the following level: Graduate

ARH521. Studies in the Native Arts of Africa, Oceania, and North America . 3 Credits.
Traditional sculpture, painting, building and crafts of the indigenous peoples of Africa, the islands of the South Pacific and North America.
Restrictions:
• Must have the following level: Graduate

ARH522. Studies in the History of Architecture . 3 Credits.
Theory and criticism of architectural development at certain times and in certain places selected at the discretion of the instructor.
Restrictions:
• Must have the following level: Graduate

ARH523. Studies in the History of Drawings . 3 Credits.
This course examines specific aspects of style, technique, and function of drawings in the context of works for which they are preparatory studies and, also, drawings as finished works of art. Detailed analysis of individual topics would be emphasized in the context of subjects such as: Italian Renaissance Drawings; or, Landscape-Studies from Nature; or, Redefinitions of Drawing in the Twentieth Century. Topics will be chosen to take advantage of the art collections and special exhibitions of museums and galleries in New York City and the region.
Prerequisites:
• ARH 373 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

ARH524. Studies in the History of Prints . 3 Credits.
A detailed examination of a selected topic concerned with developments in the art of the print, such as: Innovation in Impressionist and Post-Impressionist Prints; or Illustrated Books and Artists’ Prints; or Japanese Prints and their Influence on Western Artists in the nineteenth century.
Restrictions:
• Must have the following level: Graduate

ARH525. Studies in the History of Decorative Arts . 3 Credits.
The aesthetics and techniques of media other than architecture, painting, sculpture and the graphic arts, namely ceramics, metalwork, furniture, glass and other decorative objects.
Restrictions:
• Must have the following level: Graduate

ARH526. Studies in the History of Design . 3 Credits.
Evolution of form and function in objects made in media such as furniture, glass, ceramics, metalwork and graphics with an emphasis on the rise of industrial design in the nineteenth and twentieth centuries.
Restrictions:
• Must have the following level: Graduate

ARH527. Studies in the History of Photography . 3 Credits.
Aesthetics and criticism of photography from its inception in the nineteenth century until today.
Restrictions:
• Must have the following level: Graduate

ARH528. Studies in the History of Film . 3 Credits.
Aesthetics and criticism of film since its inception at the beginning of the twentieth century.
Restrictions:
• Must have the following level: Graduate
ARH529. Studies in Art Theory and Criticism. 3 Credits.
Studies concerning the ways in which art is created, perceived and discussed as well as its relationship to the political, social, economic and religious forces of the society in which it is produced.
Restrictions:
• Must have the following level: Graduate

ARH546. Surrealism. 3 Credits.
Survey Surrealist ideas, writings, paintings, films, objects, etc. in their historical contexts, examining the various positions of those claim the label “Surrealist, the impact that the movement had in its own time, and since.
Restrictions:
• Must have the following level: Graduate

ARH569. Art in Contemporary Culture. 3 Credits.
This course is an exploration of diverse trends in contemporary art, focusing on the relationship of this art to major social and political issues of our time.
Restrictions:
• Must have the following level: Graduate

ARH571. Film Aesthetics and Criticism. 3 Credits.
Aesthetic basis of film as an art form. Critical analysis of six major film works from silent and sound eras. Examination of structural and symbolic theories of film; specific study of shooting scripts and final film. Readings from Eisenstein, Münsterberg, Arnheim, and contemporary criticism.
Restrictions:
• Must have the following level: Graduate

ARH593. Art History Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

ARH594. Fieldwork In Art History. 0 Credits.
Restrictions:
• Must have the following level: Graduate

ARH595. Indep Study Art History. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

ARH793. Art History Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

ARH795. Indep Study Art History. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

Art Studio (ARS)

ARS501. Graduate Art Seminar. 3 Credits.
An examination of critical and theoretical ideas, social and political conditions, and new environments and technologies that have influenced the perception and production of the visual arts. A range of contemporary art including both experimental as well as more traditional forms is considered. All MAAS and MFA students are required to take this course.
FEE FOR TICKETS AND TRANSPORTATION.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS511. Introduction to Graduate Studio Research. 4 Credits.
ARS 511 is an intensive studio methods course in which students will both re-engage with their artistic practice as well as be introduced to a range of contemporary art making strategies.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Summer Intensive (050S)
  • Visual Arts Education (050A)
  • Interdisciplinary (050I)

ARS512. Graduate Studio Research I. 2 Credits.
In this online studio research course, students will earn and implement a range of visual research methods and techniques and apply them to their teaching practice as well as to their own studio work.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Summer Intensive (050S)
  • Visual Arts Education (050A)
  • Interdisciplinary (050I)
ARS513. Graduate Studio Research II. 2 Credits.
In this online studio research course, students will learn and implement a range of visual research methods and techniques and apply them to their teaching practice as well as to their own studio work.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Summer Intensive (050S)
  • Visual Arts Education (050A)
  • Interdisciplinary (050I)

ARS521. Ceramics I. 3 Credits.
Focus on the development of content within the student's work. Research of ceramic history and processes. Examination of critical and theoretical ideas through readings, discussions, and critiques.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS523. Clay and Glaze Materials. 3 Credits.
Research of raw materials (clay and glaze), firing processes at several temperatures. The class stresses the individual research based on empirical techniques and calculations. The class is divided into equal parts of technical lectures and labs.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS524. Ceramic Sculpture. 3 Credits.
Emphasis on the execution of defined and personally developed ideas, through form, surface and color. Formal, critical, individual, and issues of material/process will be considered and discussed in relation to contents.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS525. Contemporary Issues in Clay. 3 Credits.
Seminar that focuses on the cognitive aspects of ceramics. The course will be comprised of: discussions, presentations, research, field experience, and professional practice as related to the medium.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS533. Metal I. 3 Credits.
Introduction to various theoretical and critical concerns in metal. Students work collaboratively and independently to develop aesthetic and procedural modes while gaining awareness of the field's expanding discourse.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)
ARS535. Problems in Metal I. 3 Credits.
Provides concentrated time to develop a progressive, critical dialogue regarding one's creative production, developing interests and avenues of exploration.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Art Studio (256)
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS541. Painting I. 3 Credits.
Advanced experimental study with emphasis on contemporary approaches to content, process, format, and materials. Studio experience is balanced with critical/theoretical dialogue. Students may register for up to two sections of painting per semester.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Art Studio (256)
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS551. Photography and Related Media I. 3 Credits.
Advanced study of photography and related media with emphasis on contemporary approaches to content, process and materials. Focus on board artistic research combined with critical dialogue.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS552. Photography and Related Media II. 3 Credits.
Advanced study of photography and related media with emphasis on contemporary approaches to content, process and materials. Focus on project development based on artistic research combined with critical dialogue.

Restrictions:
- Must have the following level: Graduate

ARS561. Printmaking I. 3 Credits.
Projects and individual study in advanced printmaking conceptions and techniques.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS562. Printmaking II. 3 Credits.
Projects and individuals study in advanced printmaking conceptions and techniques. Students may enroll in Printmaking I, II and III simultaneously.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS571. Sculpture I. 3 Credits.
Projects and individual study in advanced sculpture conceptions and techniques.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)
ARS572. Sculpture 2. 3 Credits.
Projects and individual study in advanced sculpture conceptions and techniques.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Art Studio (256)
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS573. Sonic Measures. 3 Credits.
Sonic measures is an advanced, interdisciplinary course which explores the realm of sound as material for imaginative expression and as support for other multimedia work in video installation and performance.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Art Studio (256)
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS574. Sculpture Situations. 3 Credits.
Sculpture Situations is an advanced course which addresses the contexts in which sculpture operates in contemporary art. The course investigates installation, site intervention/alteration, video art and performance.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Art Studio (256)
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS576. Site Projects. 3 Credits.
To provide groundwork for developing skills in preparation of proposals and grants, dealing with public art, architecture and environmental ideas in model form. For senior Art majors and graduate Art majors.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Art Studio (256)
  - Visual Arts (277)
  - Sculpture (306)
  - Ceramics (301)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Studio Art (300)

ARS578. Artist Survival Skills. 3 Credits.
Seminar focuses on professional skills utilized by artists for survival in the field. Students investigate contemporary professional practices relevant to artists. Topics may include: grant writing, documentation of artwork, web presence, and exhibition opportunities.

ARS579. Contemporary Ideas in Sculpture. 3 Credits.
Seminar explores critical viewpoints relevant to the field of sculpture. Course is structured around readings from contemporary and historical sources, presentations, written and verbal responses, and field research.

ARS593. Art Studio Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Art Studio (256)
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)
ARS594. Fieldwork In Art. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS595. Independent Study Art. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

ARS690. Studio Critique. 3 Credits.
Studio Critique facilitates regular, one-on-one interaction in each student's studio environment. The class focuses on a rigorous individual examination of research methodologies, material processes and conceptual inquiry.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Visual Arts (277)
  • Sculpture (306)
  • Ceramics (301)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Studio Art (300)

ARS700. Graduate Critical Dialogues. 3 Credits.
An interdisciplinary class that will concentrate on critiques and discussions of student work. The class includes presentations, visiting artist dialogues professional practice, and the option to develop collaborative projects. Required elective for MFA students. Elective class for MA students, repeatable for credit.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)
  • Art Studio (256)
  • Ceramics (301)

ARS705. Graduate Drawing . 3 Credits.
Individual and group projects on an advanced level employing a variety of subject matter and techniques. May be repeated for credit.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Art Studio (256)
  • Ceramics (301)

ARS706. Thematic Studio. 3 Credits.
This course focuses on individual thematic investigations in contemporary art practice and collaborative art making. Students will learn to create arts-based research engaged as studio art practice and modes for reflecting on art pedagogy.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Visual Arts Education (050A)

ARS714. Studio Graduate Research III. 4 Credits.
ARS 714 is a 6-week summer course taken concurrently with Graduate Seminar and ARE 721. In this course, students will complete and mount their capstone studio exhibition.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Summer Intensive (050S)
  • Visual Arts Education (050A)
  • Interdisciplinary (050I)

ARS725. Ceramics II. 3 Credits.
Students pursue a realm of inquiry and investigation at an advanced level. This inquiry assimilates technical and critical research the student has pursued as they work toward developing a cohesive body of work. May be repeated for credit. Students may enroll in Ceramics I, II, III and IV simultaneously.
Prerequisites:
• ARS 521 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Ceramics (301)
  • Studio Art (300)
ARS726. Ceramics III . 3 Credits.
Continued advanced study as described in 09725, Ceramics I. Students may enroll in Ceramics I, II, III and IV simultaneously.
Prerequisites:
• ARS 521 (may be taken concurrently) with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Ceramics (301)
  • Studio Art (300)

ARS727. Ceramics IV . 3 Credits.
Continued advanced study as described in 09725, Ceramics I. Students may enroll in Ceramics I, II, III and IV simultaneously.
Prerequisites:
• ARS 521 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Ceramics (301)
  • Studio Art (300)

ARS731. Metal II . 3 Credits.
Building on comprehension of the field's historical, contemporary and critical discourse, students develop their research and consider their work in context to the broader field. Continuation of ARS533. Students may enroll in Metal I, II, and III simultaneously.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Metal (302)
  • Studio Art (300)

ARS732. Metal III . 3 Credits.
Students expand and further develop a research agenda conversant with the theoretical models of the discipline. Students may enroll in Metals I, II and III simultaneously.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Metal (302)
  • Studio Art (300)

ARS734. Problems in Metal II. 3 Credits.
Students identify specific concerns in relation to their inquiry in metal, jewelry and objects, establishing material investigations and a range of studio outcomes. Students may enroll in Problems in Metal I, II and III simultaneously.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Metal (302)
  • Studio Art (300)

ARS735. Problems in Metal III . 3 Credits.
Students further clarify the direction of their research, identify and develop strategies in their work as it pertains to subject matter, process, format, context, and imaging. Students may enroll in Problems in Metal I, II, and III simultaneously.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Metal (302)
  • Studio Art (300)

ARS740. Book Arts . 3 Credits.
Book Arts is an interdisciplinary course, designed to introduce students to the concepts and techniques used in making artists’ books. Topics to be explored include the visualization of ideas in book form, the book as a physical object, the use of a variety of materials and forms, narrative progression and combining text and images. Traditional book formats and binding techniques will be taught, but emphasis will be on innovative uses of the book as a vehicle for ideas. This course is designed to be inter-disciplinary, and requires that students have prior experience in a variety of studio techniques so that those techniques can be used in the course.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Ceramics (301)
  • Sculpture (306)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Studio Art (300)
  • Metal (302)
ARS742. Painting II . 3 Credits.
Advanced experimental study with emphasis on contemporary approaches to content, process, format, and materials. Studio experience is balanced with critical/theoretical dialogue. Students may enroll in Painting I, II, III and IV simultaneously. Students may register for up to two sections of painting per semester.

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Ceramics (301)
  • Sculpture (306)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Studio Art (300)
  • Metal (302)

ARS743. Graduate Digital Painting Lab. 3 Credits.
Multi-media studio course introducing digital art studio practice focused on digital imaging and cross-media experimentation; builds on skills, techniques, and critique of digital art concepts like compositing, appropriation, collage, and remixing. Direct and transfer printing taught for varied substrates.

Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS745. Painting III . 3 Credits.
Individually planned studio research. Critical/theoretical discourse is combined with advanced technical and conceptual approaches to image development. May be repeated for credit. Students may enroll in Painting I, II, III and IV simultaneously. Students may register for up to two sections of painting per semester.

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Ceramics (301)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Studio Art (300)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS746. Painting IV . 3 Credits.
Individually planned studio research. Critical/theoretical discourse is combined with advanced technical and conceptual approaches to image development. May be repeated for credit. Students may enroll in Painting I, II, III and IV simultaneously. Students may register for up to two sections of painting per semester.

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Ceramics (301)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Studio Art (300)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS750. . 3 Credits.
Introduction to photographic studio lighting with strobes and hot lights, on-site lighting, and on-camera lighting. Creation of constructed images and related concept and creative project development.

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS751. Photography and Related Media III. 3 Credits.
Advanced study of photography and related media with emphasis on contemporary approaches to concept, process, and materials. Focus on conceptual and technical precision in project development combined with critical dialogue.

Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)
ARS752. Photography and Related Media IV. 3 Credits.
Advanced study of photography and related media with emphasis on contemporary approaches to concept, process and materials. Focus on modes of presentation and contextualization in project development combined with critical dialogue.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS753. Advanced Digital Color Print. 3 Credits.
Exploration of the role of technical and material research in photographic project development. Focus is on advanced digital image processing and printing techniques in relation to concept and content.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS754. Digital Video. 3 Credits.
Introduces digital video and audio capture and editing techniques. Explores the creative dimension of time-based media and related techniques through individual and/or collaborative experimental projects.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Art Studio (256)
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS758. The Large Format Image. 3 Credits.
Introduces the view camera and advanced black-and-white darkroom printing techniques as creative tools as well as high resolution scanning and large format digital printing from digitally captured or scanned images. Conceptual and technical development of related bodies of work.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS759. Photo Books and Installations. 3 Credits.
Exploration of the photographic image in context: mixed media, site specificity, image sequence. Conceptual and technical development of individual creative projects.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)

ARS760. The Document. 3 Credits.
Introduces strategies and concepts of documentary photography and related practices and engages with traditional and emerging forms of dissemination. Social, psychological, environmental, and/or political issues are explored through creative projects.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Studio Art (300)
  • Sculpture (306)
  • Metal (302)
  • Painting-Drawing (303)
  • Printmaking (305)
  • Visual Arts Education (050A)
  • Ceramics (301)
ARS761. Contemporary Issues in Photography. 3 Credits.
Explores visual culture and the evolving role and potential of lens based media. Focuses on artistic research strategies as the foundation of the conceptual and technical development of a related body of work.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS762. Printmaking II . 3 Credits.
Continuation of 09561. Students may enroll in Printmaking I, II and III simultaneously.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Printmaking (305)
  - Studio Art (300)

ARS763. Papermaking. 3 Credits.
Covers a variety of papermaking techniques. Course material will be presented by a variety of means, including demonstrations, Power Point presentations and slide lectures, field trips, visiting artists, reading assignments, research assignments, etc.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS764. Contemporary Ideas in Printmaking. 3 Credits.
Seminar explores critical viewpoints relevant to the field of printmaking. Course is structured around readings from contemporary and historical sources, discussion, presentations, field research, and the development of research projects and image based on presentations.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Visual Arts Education (050A)
  - Ceramics (301)

ARS765. Printmaking III . 3 Credits.
Projects and individual study in advanced printmaking conceptions and techniques. May be repeated for credit. Students may enroll in Printmaking I, II and III simultaneously.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Printmaking (305)
  - Studio Art (300)

ARS766. Monotype . 3 Credits.
This course will explore the fine art of monotype printmaking, a spontaneous process that combines drawing, painting and printmaking techniques. It results in a one-of-a-kind image that is developed on a flat plate with oil and/or water-based mediums, and then transferred to another source, usually paper.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Printmaking (305)
  - Studio Art (300)

ARS767. Media-Intervention . 3 Credits.
An exploration of a cross-disciplinary integration between printmaking and sculpture methods. It will lead to the production of works that capitalize on the potential of mixed media and experimental blends that are inherent to each option.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Printmaking (305)
  - Studio Art (300)
ARS768. Photo Silkscreen . 3 Credits.
This versatile process, Photo Silkscreen, will allow the student to transfer drawings or computer printouts on transparencies to their screens. Using water-based inks, the images will be printed on paper, fabric, plexiglass or a diverse range of other surfaces.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Printmaking (305)
  - Studio Art (300)

ARS771. New Media 3D + 4D. 3 Credits.
Students will explore the use of new digital media in the third and fourth dimensions by investigating digital video, DVD authoring, and interactivity/robotics. Students will spend equal time in the computer lab and sculpture studio.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Art Studio (256)
  - Ceramics (301)

ARS773. Sonic Measures . 3 Credits.
Sonic measures is an advanced, interdisciplinary course which explores the realm of sound as material for imaginative expression and as support for other multimedia work in video installation and performance.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Art Studio (256)
  - Ceramics (301)

ARS774. Sculpture Situations . 3 Credits.
Sculpture Situations is an advanced course which addresses the contexts in which sculpture operates in contemporary art. The course investigates installation, site intervention/alteration, video art and performance.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Metal (302)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Art Studio (256)
  - Ceramics (301)

ARS775. Sculpture Projects. 3 Credits.
Projects and individual studio research in advanced sculpture conceptions and techniques. May be repeated for credit. Students may enroll in Sculpture I and II simultaneously.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Ceramics (301)
  - Sculpture (306)
  - Painting-Drawing (303)
  - Printmaking (305)
  - Studio Art (300)
  - Metal (302)

ARS776. Site Projects . 3 Credits.
To provide ground-work for developing skills in preparation of proposals and grants, dealing with public art, architecture and environmental ideas in model form. For senior Art majors and graduate Art majors.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Studio Art (300)
  - Sculpture (306)
  - Art Studio (256)

ARS780. Internship in College Art Studio Teaching . 3 Credits.
Student audits an undergraduate studio course and assists the instructor in planning and instruction. Internship includes a bi-weekly seminar exploring issues of college-level teaching in the arts. May be repeated for credit.
Restrictions:
- Must have the following level: Graduate

ARS782. Studio in Intermedia Design: VRL . 3 Credits.
Production and critique of studio work in graphic design and photography generated in response to the theory seminar. Assigned and self-directed projects or problem investigations relative to candidate’s area of interest and research conducted in seminar. May be repeated for credit.
Restrictions:
- Must have the following level: Graduate

ARS784. VRL Studio . 3 Credits.
Specialized course studies in graphic design and photography related to study project of the candidate, elected from offerings of the graduate level. Approval of the candidate’s advisory committee and approval of the instructor are required. May be repeated for credit, courses are non-sequential.
Restrictions:
- Must have the following level: Graduate
ARS785. Graduate Study in Design: VRL II . 3 Credits.
Specialized course study in graphic design and photography related
to study project of the candidate, elected from offerings of graduate
level. Approval of the candidate’s advisory committee and approval of
the instructor are required. May be repeated for credit, courses are non-
sequential.
Restrictions:
• Must have the following level: Graduate

ARS788. MFA Thesis in Intermedia Design: VRL . 6
Credits.
Execution and presentation of a body of significant work in graphic
design/photography as evidence of the candidate’s level of
accomplishment. Project selected in consultation with VRL faculty and
thesis committee. Paper and slides required. Must be repeated once for
credit.
Restrictions:
• Must have the following level: Graduate

ARS790. Thesis in Art Studio. 3-12 Credits.
Students complete and exhibit a body of creative work culminating the
graduate degree. MAAS candidates complete one semester of Thesis for
3 credits. MFA candidates complete a total of 12 credits, Thesis I and II
for 6 credits each. MFA candidates must convene a thesis committee. An
artist statement and appropriate documentation of the thesis exhibition
are submitted to the college library. Required form available in the
Records and Registration Office.
Restrictions:
• Must have the following level: Graduate

ARS793. Art Studio Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on
a particular topic of interest. Descriptions are printed in the Schedule
of Classes each semester. Selected topics courses may be used as
elective credit and may be repeated for credit, provided that the topic of
the course changes.
Restrictions:
• Must have the following level: Graduate

ARS794. Fieldwork In Art Studio. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

ARS795. Independent Study Art. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

ARS799. Continued Registration. 1-6 Credits.
Restrictions:
• Must have the following level: Graduate

Asian Studies (ASN)

ASN593. Asian Studies Selected Topics. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on
a particular topic of interest. Descriptions are printed in the Schedule
of Classes each semester. Selected topics courses may be used as
elective credit and may be repeated for credit, provided that the topic of
the course changes.

Biology (BIO)

BIO505. Transmission Electron Microscopy . 4 Credits.
This course has the format of a research project. Students are taught
how to use the transmission electron microscope (TEM) as a research
tool in the bio-medical disciplines. Students learn first hand the
procedures associated with biological sample preparation: embedding,
sectioning, staining, examination in the TEM and printing of the final
electron photomicrographs.
Restrictions:
• Must have the following level: Graduate

4 Credits.
The principles of microscopy sciences with emphasis on the use
and applications of the scanning electron microscope (SEM). The
course examines the theoretical basis of biological scanning electron
microscopy and provides a practical introduction to the operation of the
SEM.
Restrictions:
• Must have the following level: Graduate

BIO509. Advanced Ornithology Alternate year/Spring .
4 Credits.
Birds of the world, their taxonomy, anatomy, geographic distribution,
etiology, and ecology; laboratory devoted to anatomical studies;
methods of photographing birds, recording of bird songs, uses of
telemetry, bird behavior, life history studies, identification of local species.
Restrictions:
• Must have the following level: Graduate

BIO510. Fungal Biology . 4 Credits.
Morphology, development, physiology, and ecology of fungi, their
significance in diseases, and their utilization by man.
Restrictions:
• Must have the following level: Graduate
BIO511. Advanced Vertebrate Zoology Alternate year/Fall . 4 Credits.
Morphology, physiology, geographical distribution, and evolution of vertebrates of the world. Field and laboratory work devoted to studying life cycles of selected species. Oral presentation and written research paper required.
Restrictions:
• Must have the following level: Graduate

BIO514. Plant Diseases . 4 Credits.
Nature and cause of disease in plants. Special emphasis on fungal diseases of plants.
Restrictions:
• Must have the following level: Graduate

BIO516. Molecular Biology Alternate year/Spring . 3 Credits.
Basic theory and techniques of molecular biology with the analysis of current molecular advances in diverse fields of study. Class discussions, independent literature research, written and oral presentations required.
Restrictions:
• Must have the following level: Graduate

BIO517. Molecular Biology Laboratory Alternate year/Fall . 3 Credits.
Current molecular techniques and theory. Cloning, PCR, DNA preparation, RNA preparation, Southern blots, Northern blots and tissue culture techniques will be employed and analyzed within the context of the immune system. Project required.
Restrictions:
• Must have the following level: Graduate

BIO519. Wetlands Ecology Alternate year/Fall . 4 Credits.
An introduction to the ecology of wetland ecosystems. Structure and function of different types of wetlands will be compared. Alteration and protection will be examined as well as methods used to study them.
Restrictions:
• Must have the following level: Graduate

BIO520. Advanced Entomology Alternate year/Fall . 4 Credits.
Major orders of insects with emphasis of life histories. Laboratory opportunity for individual studies of life histories and taxonomic studies of selected orders and families.
Restrictions:
• Must have the following level: Graduate

BIO522. Prin Human Biology. 3 Credits.
An overview of the major aspects of human biology, including physiology, genetics, reproduction, behavior and evolution. In depth coverage of recent advances in the understanding of human biology, including the application of modern technologies and methodologies, as well as evolutionary theory.
Restrictions:
• Must have the following level: Graduate

BIO525. Animal Communication . 3 Credits.
Theory and controversy in the study of animal communication. The various functions, mechanistic, adaptive and evolutionary approaches to communication, information theory, signal transmission, signal reception and human language will be explored. Examples of communication systems will be surveyed across a wide range of taxonomic groups. Examples of hypothesis testing and the analysis of signals will be the focus of class discussions.
Restrictions:
• Must have the following level: Graduate

BIO528. Endocrinology . 3 Credits.
An introduction to the basic principles of endocrinology followed by a study of the physiology and biological chemistry of endocrine tissue and their secretions.
Restrictions:
• Must have the following level: Graduate

BIO530. Human Genetics . 2 Credits.
Current status of human genetics, with emphasis on molecular aspects. Topics include pedigree analysis, gene mapping strategies, genome organization, chromosome abnormalities, mutations, genetic basis of cancer and the Human Genome Project.
Restrictions:
• Must have the following level: Graduate

BIO540. Immunology Alternate year/Spring . 3 Credits.
The genetic, cellular, molecular, developmental and biochemical aspects of the immune system will be covered. These aspects are discussed in relation to the disease process and experimental analysis. Discussions of current research are included.
Restrictions:
• Must have the following level: Graduate

BIO545. Cell Development and Differentiation . 3 Credits.
Emphasis is placed upon the mechanisms by which cells specialize during embryogenesis, wound healing, regeneration and transformation. Specific attention to the mechanisms of movement, shape acquisition, and biosynthesis as well as certain new ideas regarding their genetic control.
Restrictions:
• Must have the following level: Graduate

BIO546. Human Embryonic Development Annual/Fall . 3 Credits.
Focuses on the embryology and anatomy of human development. In addition the physiological changes in the pregnant woman are discussed with regard to the developing embryo and fetus.
Restrictions:
• Must have the following level: Graduate

BIO550. Recent Advances in Biology . 3 Credits.
Recent developments in a specialized field of biology. May be repeated for credit at five-year intervals for the same special field.
Restrictions:
• Must have the following level: Graduate
BIO561. Endangered Species . 3 Credits.
Focuses on the conservation of biological diversity. Topics include value of bio-diversity, threats to bio-diversity, vulnerability of species to extinction, conservation of populations and species, and protection of bio-diversity at international, national and local levels.
Restrictions:
• Must have the following level: Graduate

BIO562. Biotechnology . 3 Credits.
Underlying principles and recombinant DNA methods employed to produce genetically modified organisms for agricultural, environmental, industrial, pharmaceutical and biomedical purposes are covered. Discussions on societal and ethical issues involving biotechnology are included.
Restrictions:
• Must have the following level: Graduate

BIO563. Electron Microscopy . 5 Credits.
Theory and application of scanning electron microscopy (SEM) and transmission electron microscopy (TEM) are covered. Laboratory includes all aspects of specimen preparation and use of SEM, x-ray diffraction analysis and TEM. This is an advanced course and requires that students have the ability to work individually, taking precautions with hazardous chemicals and delicate equipment.
Restrictions:
• Must have the following level: Graduate

BIO590. Thesis in Biology. 3-6 Credits.
Writing and defense of a thesis under guidance of major professor. Required form available in the Records and Registration Office.
Restrictions:
• Must have the following level: Graduate

BIO593. Biology Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

BIO594. Fieldwork In Biology. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

BIO595. Indep Study Biology. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

BIO599. Comprehensive Exam Workshop. 0 Credits.
Non-credit workshop for students who wish to devote the semester immediately following the completion of their coursework to prepare for the comprehensive exam.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Biology (202)

BIO795. Indep Study Bio . 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

BIO799. Continued Registration. 1-6 Credits.
Restrictions:
• Must have the following level: Graduate

Black Studies (BLK)

BLK502. Blacks in New York History . 3 Credits.
A thematic examination of the socioeconomic and political contributions of peoples of African descent to the history of New York State, from the colonial period to the present.
Restrictions:
• Must have the following level: Graduate

BLK510. Contemporary Black Women's Literature . 3 Credits.
Analysis of mostly contemporary novels, essays, dramas, poems, and autobiographies by women of African ancestry in the United States, the Caribbean and Africa. Aesthetics, womanist approaches, the oral tradition, and critiques will be examined.
Restrictions:
• Must have the following level: Graduate

BLK522. African/African-American History & Experiences . 3 Credits.
Presents the history of Africans in an unbroken continuity from Egypt to modern African American experiences, highlighting retention aspects of African culture including language, art, music and religion, and an appreciation of African contributions to world civilizations.
Restrictions:
• Must have the following level: Graduate

BLK593. Black Studies Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

BLK594. Fieldwork Black Studies . 0 Credits.
Restrictions:
• Must have the following level: Graduate

BLK595. Indep Study Black Studies. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

Business Administration (BUS)

BUS500. Excel Tutorial. 0 Credits.
Non-credit competency exam and tutorial demonstration ability to carry out required Excel functions.
BUS501. Financial Accounting . 3 Credits.
This course introduces MBA students to the accounting information system and to the financial statements prepared for external users. Topics include the accounting cycle, the preparation and evaluation of financial statements, concepts of revenue and expense recognition, and the valuation of asset, liability and equity accounts.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)
  - Pre-MBA (0MBA)

BUS502. Internship & Career Practicum. 1 Credit.
Coverage of topics that prepare students for internships and their career, including identifying prospective employers, writing an effective resume, networking, interviewing skills, ethics, and corporate culture.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)
  - Pre-MBA (0MBA)

BUS503. Management . 3 Credits.
This course is designed to provide graduate-level business students with exposure to (1) the evolution of management thought, (2) the four functions of management, (3) various theories and empirically derived principles, and (4) contemporary issues related to process and practice. Students will engage in problem-solving through individual and team-based business case analyses and research projects.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Public Accountancy (262)
  - Pre-MBA (0MBA)

BUS505. Marketing . 3 Credits.
This course is an introduction to the principles and practice of marketing. A major part of the course involves a review of the four elements of the marketing mix: product, price, place, and promotion. The course provides the knowledge and skills that students need for taking the marketing management course.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Pre-MBA (0MBA)

BUS507. Managerial Finance . 3 Credits.
This course conveys major issues facing a financial manager: financial statement analysis, discounted cash flow analysis, time value of money, the risk-return tradeoff, and the valuation of financial assets. This course also examines capital budgeting, financial planning, asset management, cost of capital, long-term financing through debt and equity, and multinational financial management.

Prerequisites:
- BUS 501 with a minimum grade of D- and BUS 515 with a minimum grade of D- and BUS 509 with a minimum grade of D-

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Pre-MBA (0MBA)

BUS508. Financial Statement Analysis. 3 Credits.
Students will learn about the principals and standards of financial accounting, and then prepare, interpret, analyze corporate financial statements.

Restrictions:
- Must have the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Pre-MBA (0MBA)

BUS509. Statistics Analysis & Decision Theory . 3 Credits.
This course is an introduction to probability and statistics. Main goal is to teach students how to apply various statistical concepts to decision making under uncertainty. After this course, students should be able to analyze data and relationships among variables using both descriptive and inferential statistics, and to evaluate and update decision alternatives so that they can find solutions to real life business problems.

Prerequisites:
- (Math Placement Level with a score of 5 or Math Placement Level with a score of 4) and (MAT 171 with a minimum grade of C-)

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Pre-MBA (0MBA)
BUS511. Accounting for Management Decisions. 3 Credits.
Using accounting information to achieve management objectives. Topics include budgeting, cost behavior and costing systems, relevant information and decision-making, performance analysis, control systems and responsibility accounting. (This course is only for general MBA students, not CPA track MBA students.)
**Prerequisites:**
- BUS 201 with a minimum grade of B or BUS 508 with a minimum grade of B-

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): Business Administration (261)

BUS515. Business Economics for Managers. 3 Credits.
The course is designed to provide a strong foundation in microeconomic theory for managerial and decision making. It emphasizes the "economic way of thinking" about real-world business/management curriculum such as finance, cost accounting, marketing, business strategy and quantitative analysis. The goal is to reinforce what students have learned in other courses and provide a foundation for future course work and beyond.
**Prerequisites:**
- Math Placement Level with a score of 3 or MAT 151 with a minimum grade of C- or MAT 093 with a minimum grade of C- or MAT 153 with a minimum grade of C- or MAT 120 with a minimum grade of C- or MAT 121 with a minimum grade of C-

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Business Administration (261)
  - Pre-MBA (0MBA)

BUS520. Managing Operations and Information Technology. 3 Credits.
Focuses on the integration of information and operations strategies to enhance competitive advantage. Topics include global supply chain management, enterprise resource planning, artificial intelligence, cloud computing, information security, and their legal and social impacts.
**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Business Administration (261)

BUS525. Quantitative Methods for Business Research. 3 Credits.
Focuses on developing analytical skills mainly formulating problems, collecting data and interpreting the results using quantitative methods such as statistics and/or optimization tools.
**Prerequisites:**
- BUS 509 with a minimum grade of B-

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS526. Managing in a Global Environment. 3 Credits.
Critical analysis of issues facing firms in a dynamic global environment. Discussion of external factors, such as country institutional differences, and internal factors, including strategic and managerial issues, faced by international businesses.
**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS528. Marketing Management. 3 Credits.
Application of applying key marketing concepts for making effective marketing decisions about products, pricing, promotion, and distribution, given a firm's goals, abilities, customers and competitors.
**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS529. Accounting - Financial Reporting and Control. 3 Credits.
Development and use of financial reports in a global economy. Topics include setting accounting standards, the content of financial statements, accounting for assets and liabilities, ethical issues in accounting, and current topics facing the profession.
**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)
BUS535. Financial Markets and Institutions . 3 Credits.
The role of financial markets and institutions in the capital formation process. Topics covered include financial systems and the economy, debt and equity markets, depository institutions, non-depository financial institutions, financial derivative markets, and risk management.

**Prerequisites:**
- BUS 536 with a minimum grade of D-

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS536. Corporate Financial Management . 3 Credits.
The role of financial management in business decisions, the relationship between finance and other corporate functions, and quantitative techniques used for analysis. Topics include cash flow analysis, valuation, risk and return, investing and financing decisions, costs of capital, and capital structure.

**Prerequisites:**
- BUS 508 with a minimum grade of B-

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS537. Options and Futures . 3 Credits.
Futures and options, derivatives markets, and their role in risk management and portfolio strategy. Topics include types of futures, pricing models and hedging strategies.

**Prerequisites:**
- BUS 536 with a minimum grade of C

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS538. Investments. 3 Credits.
Theoretical and applied study of investment fundamentals and portfolio management. Topics include markets, trading, risk and return, valuation, portfolio theories, alternative investment instruments, global investing, and current developments.

**Prerequisites:**
- BUS 508 with a minimum grade of B-

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS539. Personal Financial Planning Principals and Applications. 3 Credits.
Management of personal finances and investments. Topics include monitoring household wealth, personal financial planning, managing liquidity and credit, financing a home, using insurance, retirement and estate planning, and investing. Students prepare a personal financial plan.

**Prerequisites:**
- BUS 508 with a minimum grade of B-

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS544. Health Care Financing . 3 Credits.
Financial management concepts and techniques for the health care industry. Topics include the regulatory environment, costs and revenues, accounting reports and budgets, financial statement analysis, and capital planning.

**Prerequisites:**
- BUS 508 with a minimum grade of B-

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS546. Multinational Finance. 3 Credits.
Analysis of key financial decisions within the global framework. Topics include international financial markets, exchange rate behavior and management of its risk, international banking, multinational financial management, and multinational strategic planning.

**Prerequisites:**
- BUS 508 with a minimum grade of B-

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)
BUS547. International Marketing . 3 Credits.
Discussion of Marketing opportunities in a globally competitive environment. Topics include profiling international segments, international consumer behavior, and the role of cross-culturalism in the development of marketing strategies.
Prerequisites:
• BUS 528 with a minimum grade of C
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS548. International Accounting . 3 Credits.
This course examines accounting principles, and emphasizes accounting research, from an international perspective. Topics include comparative reporting practices, harmonization of accounting standards, accounting for international transactions and subsidiaries, management accounting issues, and accounting for changing prices with an emphasis on accounting research techniques.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS555. Marketing Research . 3 Credits.
Examination of the research process used in marketing decision-making. Methodology for conducting marketing research for product development, pricing, and channel selection, and the analysis of results.
Prerequisites:
• BUS 528 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS557. Integrated Marketing Communications . 3 Credits.
Development and implementation of integrated marketing communications programs. Topics include the communication process, budget determination, strategic brand management, internet marketing and issues of monitoring, evaluation, and control.
Prerequisites:
• BUS 528 with a minimum grade of C
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS558. Consumer Behavior for Marketing Strategy. 3 Credits.
Study of consumer behavior using social science concepts. Topics include buyer decision making, product and service choice, consumer attitudes and motivation, and shopping behavior.
Prerequisites:
• BUS 528 with a minimum grade of C
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS563. Strategic Sustainability Management. 3 Credits.
Analysis of environmental and social sustainability in a business context through case studies and a semester-long project.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS564. Staffing Organizations . 3 Credits.
Coverage of the staffing process. Topics include human resource planning, recruitment, selection, measurement in selection, legal issues in staffing, job analysis, decision making, and retention management.
Prerequisites:
• BUS 567 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS565. Training and Development . 3 Credits.
Coverage of the process of training and development. Topics include needs analysis of organizational objectives, strategies for designing training and development programs, and the evaluation of training programs.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)
BUS566. Organizational Change and Development . 3 Credits.
Understanding and managing organizational change in a turbulent environment. Topics include action learning, the collaborative inquiry process, methodologies for implementing change interventions, and models of change and development.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS567. Managing Human Capital. 3 Credits.
Theory, research, and applications in major areas of human resource management. Topics include human resource strategy, recruitment, selection, development, training, compensation, performance appraisal, retention, leadership, and legal issues in human resources.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS568. Individual and Group Behavior Analysis. 3 Credits.
Study of classic and contemporary theories in micro organizational behavior. Topics include perception, personality, attitudes, motivation, leadership, communication, group dynamics, decision making, power, influence, and organizational change.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS569. Leadership and Management in a Changing World . 3 Credits.
Study of theory and applications in the field of leadership as it relates to business. Topics include leadership traits and behaviors, power and influence, situational and contingency leadership, ethics and values in leadership, motivation, and team leadership.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS571. Management Information Systems (MIS) . 3 Credits.
This course is intended to provide students in the MBA program with a firm grasp of the function of computer-based information systems in modern business organizations. Students should come away with a working knowledge of which information systems are best suited to a given company. Emphasis is placed on technical concepts fundamental to business applications and management of information systems.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS572. Electronic Commerce and Management . 3 Credits.
This course is designed to help students understand the impact electronic commerce can have and is having on different aspects of business. The course will first examine and define trends in electronic commerce. Next, the impact electronic commerce has on several business functions, from marketing to operations, will be discussed. Once this foundation has been established, it will be possible to involve the students in applied projects, and look at where electronic commerce can still produce larger changes and improvements.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)

BUS573. Management Science . 3 Credits.
Covers mathematical programming, graphs and networks, stochastic processes, queuing theory and simulations. In addition to introducing basic theories, emphases will be put on formulations of business problems and interpretations of the output generated by computer software.
Prerequisites:
- BUS 525 with a minimum grade of C
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Public Accountancy (262)
  - Business Administration (261)
BUS575. Linear Models . 3 Credits.
Topics include simple linear regression, multiple regression, generalized linear models, graphical analysis of model adequacy, violations of assumptions, and alternative to least squares.
Prerequisites:
• BUS 509 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS576. Design of Experiments and Quality Control . 3 Credits.
Experiments are designed to identify key sources of variability in manufacturing, consumer behavior, organizational behavior, and other variables of interest to managers. Once identified, this variability can be monitored and controlled thereby improving output and reducing risk. Topics include hypothesis testing, Shewhart Charts, Cusum Charts, randomized block designs, factorial experiments, and fractional designs.
Prerequisites:
• BUS 525 with a minimum grade of C
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS577. Knowledge Management Yearly . 3 Credits.
This course is designed to address the importance of knowledge management in today's knowledge economy where knowledge is considered as the most important resource. At strategic levels, the course examines the competitive advantages an organization obtained from its knowledge processing capability and capacity. At operational levels, it introduces various knowledge systems. Design and implementation issues of those systems are addressed using hand-on projects.
Prerequisites:
• BUS 571 with a minimum grade of C
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS579. Business Intelligence . 3 Credits.
This course examines the recent development in Business Intelligent Systems, including On-Line Analytical Processing, Data Mining, and Customer Relationship Management. It introduces the need of a data warehouse as the foundation for an intelligent system followed by discussions of the unique goal and design of each intelligent system. The course also addresses the role and impact of business intelligence in an organization's decision-making processes. Practical projects and computer software are used to enhance students' experience in business intelligence systems.
Prerequisites:
• BUS 571 with a minimum grade of C
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS580. Project Management for MBAs. 3 Credits.
This course will introduce the operational, design, personnel, budget, and communication issues involved in managing projects. Course objectives will be met through lectures, in-class exercises, team projects, and homework. Students' experience will enrich discussions.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS581. Accounting Information Systems . 3 Credits.
Study of the main ideas and fundamental technology underlying the development, implementation, and use of modern Accounting Information Systems (AIS), and the relationship of AIS to business processes and internal controls. The use of software packages for processing accounting information.
Prerequisites:
• BUS 201 with a minimum grade of B or BUS 508 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)
BUS583. Advanced Auditing . 3 Credits.
Detailed coverage of legal liability and professional responsibilities. Topics include statistical sampling, analytical review procedures, fraud detection, and computer auditing.
Prerequisites:
• BUS 375 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS585. Accounting Theory . 3 Credits.
Financial accounting concepts, theory, and practice. Topics include recognition and measurement of assets and liabilities, accounting for leases, postretirement benefits, income taxes, and recent changes in accounting standards.
Prerequisites:
• BUS 369 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS586. Advanced Concepts in Federal Income Taxation . 3 Credits.
Tax issues related to various taxable entities, including corporations and partnerships. Emphasis on tax planning and tax research.
Prerequisites:
• BUS 371 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS587. Entrepreneurship and Business Planning . 3 Credits.
This course will focus on the skills needed to start a business. Topics include identifying markets, developing business plans, and financing operations. working in teams, students create business plans and may present them to a team of judges.

BUS588. Applied Research Project in Business . 3 Credits.
Preparation and writing of an applied research project in the concentration area under the guidance of the major professor. Required form available in the Records and Registration Office and the Office of the Department of Business Administration. Contact faculty advisor for further details.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS589. Cases in Strategy and Business Policy . 3 Credits.
Case studies and readings are used to build expertise in strategy formulation and implementation. This capstone experience integrates knowledge and concepts introduced throughout the program. Emphasis on application of conceptual, analytical, communication, and team-work skills.
Prerequisites:
• BUS 526 with a minimum grade of C and BUS 528 with a minimum grade of C
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS590. Thesis or Current Topic Seminar . 6 Credits.
Preparation and writing of a thesis in the concentration area under the guidance of the major professor. Two additional readers are required to approve the final thesis. Required form available in the Records and Registration Office and the Office of the Department of Business Administration. Contact faculty advisor for further details.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)

BUS593. Business Selected Topic . 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Public Accountancy (262)
  • Business Administration (261)
CHE531. Separation Methods in Chemistry . 3 Credits.
A course that applies physical, chemical and equilibrium properties to the problems of isolating components in analytical processes with emphasis on chromatographic procedures. Applications from current literature.
Prerequisites:
• CHE 303 with a minimum grade of D- and CHE 321 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

CHE535. Chemical Engineering for Chemists . 3 Credits.
Expands skills and techniques acquired in physical chemistry by providing applications to large systems of reaction occurring in flow systems. Introduction to the mass, momentum and energy balances and design concepts familiar to chemical engineers. Not for engineers.
Restrictions:
• Must have the following level: Graduate

CHE570. Biochemistry . 3 Credits.
Structure of biomolecules and their assemblies and the chemical reactions of metabolic processes. Molecular aspects of gene replication, transcription and translation.
Prerequisites:
• CHE 319 with a minimum grade of D- and CHE 461 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

CHE572. Biotechnology Laboratory . 4 Credits.
Methods of modern biotechnology, including molecular cloning, gene isolation, gene amplification, design and creation of recombinant plasmids and phages, site-specific mutagenesis, isolation and sequencing of recombinant DNA.
Prerequisites:
• CHE 319 with a minimum grade of D- and CHE 461 with a minimum grade of D-
• BIO 320 with a minimum grade of D- and BIO 350 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

CHE573. Principles of Physical Chemistry . 3 Credits.
Fundamental principles and their application in thermodynamics, solution and phase equilibria, the solid state, and topics such as physical chemistry of surfaces. Not open to undergraduate chemistry majors.
Prerequisites:
• CHE 202 with a minimum grade of D- and MAT 252 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

CHE574. Principles of Polymer Sciences . 3 Credits.
Principles of formation and behavior of large molecules and their relationship to industrial and biochemical applications.
Prerequisites:
• CHE 319 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
CHE575. Principles of Materials Science. 3 Credits.
Prerequisites:
• CHE 319 with a minimum grade of D- and PHY 202 with a minimum grade of D-

Restrictions:
• Must have the following level: Graduate

CHE590. Thesis in Chemistry (1-6). 0 Credits.
An individual research project conducted under the direction of a faculty advisor. Required form available in the Records and Registration Office.
Restrictions:
• Must have the following level: Graduate

CHE593. Chemistry Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

CHE594. Fieldwork In Chemistry. 0 Credits.
Restrictions:
• Must have the following level: Graduate

CHE595. Indep Study Chemistry. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

CHE599. Comprehensive Exam Workshop. 0 Credits.
Non-credit workshop for students who wish to devote the semester immediately following the completion of their coursework to prepare for the comprehensive exam.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Chemistry (203)

CHE693. Chemistry Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

CHE795. Indep Study Chemistry. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

CHE799. Continued Registration. 1 Credit.
Restrictions:
• Must have the following level: Graduate

Communication Disorders (CMD)

CMD500. Orientation Practicum. 1 Credit.
Students will participate in an introductory graduate clinic. Graduate Clinicians will develop essential clinical practice skills. This course will provide students with scope of practice, prevention in SLP, implications of assessment, developing and modifying therapy plans (clinical decision-making), implementing therapy, data collection skills and clinical recommendations. Summer Session.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD501. Clinical Methods in Speech-Language Pathology 1. 2 Credits.
Therapeutic procedures in the management of disorders of oral communication. First-level direct clinical experience working with clients in individual therapy programs at the New Paltz Speech-Language and Hearing Center. Planning of long- and short-term goals, development of lesson plans, selection of appropriate materials and clinical procedures, use of clinical instrumentation, ongoing diagnosis, and accurate written reporting of these experiences.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD502. Clinical Methods in Speech Language Pathology 2. 2 Credits.
Therapeutic procedures in the management of communication disorders. Participation in the planning and procedures for SLP therapy including the evaluation of therapeutic progress.
Prerequisites:
• CMD 501 with a minimum grade of C-

Restrictions:
• Must have the following level: Graduate

CMD503. Practicum in Speech Language Pathology: On-Campus Summer. 2 Credits.
On-Campus Practicum Procedures used in the examination, diagnosis, and treatment of communication disorders are studied and applied under supervision. Each student will plan and carry out a program of treatment for persons with communication disorders. Students analyze their clinical performance, set goals for improvement, and evaluate their progress. May be repeated for credit.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)
CMD504. Phonological Disorders . 3 Credits.
Analysis of theories of speech sound acquisition and development over the lifespan, phonological processes and their impact on other language processes, and techniques for assessment and remediation of phonological disorders; phonetic transcription on linguistically different & disordered speech.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Speech and Lang Pathology (090S)
  • Communication Disorders Cert (790)
  • Speech and Lang Disabilities (090I)

CMD505. Child Language Disorders . 3 Credits.
An investigation of language pathologies, etiologies, assessment procedures and therapies for children.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD507. Seminar in Motor Speech Disorders . 3 Credits.
Etiology, diagnosis and clinical management of motor speech disorders.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD508. Neurophysiology of Speech and Language. 3 Credits.
Advanced study of the neuroanatomical structures and the neurological integrations necessary for speech, language and swallowing.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD509. Advanced Speech Science. 3 Credits.
Advanced overview of the relationships among speech production, the acoustic properties of the speech signal, and speech perception. Main topics include a review of anatomy and physiology of speech production, acoustic characteristics of vowels and consonants, acoustic cues for speech perception, and models of speech perception.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Communication Disorders Cert (790)
  • Communication Disorders (090)

CMD510. Professional Issues in Communication Disorders. 2 Credits.
Consideration of professional, ethical, and legal issues; structure of programs providing speech and language services in public schools and other settings; strategies for life-long learning and continuing professional development.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Communication Disorders Cert (790)
  • Communication Disorders (090)

CMD511. Aural Rehabilitation of Children and Adults . 3 Credits.
Social, emotional, and communicative impact of hearing impairment; (re)habilitation strategies for children including amplification, cochlear implants, auditory training, assistive technology and educational placement; rehabilitation strategies for adults including speech reading, auditory training and assistive technology; distance learning format.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Communication Disorders Cert (790)
  • Communication Disorders (090)

CMD512. Fluency Disorders. 3 Credits.
Modern theories, research findings and treatment methods related to the study of the nature, etiology and treatment of stuttering and other fluency disorders.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD513. Practicum in Speech Language Pathology: On-Campus. 1 Credit.
On-Campus Practicum Procedures used in the examination, diagnosis, and treatment of communication disorders are studied and applied under supervision. Each student will plan and carry out a program of treatment for persons with communication disorders. Students analyze their clinical performance, set goals for improvement, and evaluate their progress. May be repeated for credit.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)
CMD514. Practicum in Speech Language Pathology: Off-Campus Fall. 1-3 Credits.
Off-Campus Practicum Procedures used in the examination, diagnosis, and treatment of communication disorders are studied and applied under supervision. Each student will plan and carry out a program of treatment for persons with communication disorders. Students analyze their clinical performance, set goals for improvement, and evaluate their progress. May be repeated for credit.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD515. Practicum in Speech Language Pathology: Off-Campus Spring. 3 Credits.
Off-Campus Practicum Procedures used in the examination, diagnosis, and treatment of communication disorders are studied and applied under supervision. Each student will plan and carry out a program of treatment for persons with communication disorders. Students analyze their clinical performance, set goals for improvement, and evaluate their progress. May be repeated for credit.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD516. Adult Language Disorders. 3 Credits.
Nature and significance of language deficits and communicative disorders associated with aphasia, closed head injury, and dementia. Theoretical concepts and evaluative and therapeutic techniques are examined. Recent research findings analyzed.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD519. Swallowing Disorders . 4 Credits.
An introduction to the clinical and professional practice aspects of swallowing disorders, dysphagia, from the speech-language pathologist's perspective.
Prerequisites:
• CMD 508 with a minimum grade of C-

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD520. Augmentative Communication Systems . 3 Credits.
Theory and practice of augmentative communication systems. Examines basic decision-making issues in the areas of assessment, device selection and intervention strategies for those unable to use speech as a primary mode of communication.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Communication Disorders Cert (790)
  • Communication Disorders (090)

CMD521. Early Intervention for Speech-Language Pathologists . 3 Credits.
A practical approach to early intervention and preschool special education as it relates to the speech-language pathologist: overview of federal and state regulations and their implementation; review of birth-five development across domains; multidisciplinary evaluations and treatment; documentation and record-keeping, service coordination; service provision in home, center, and inclusionary settings, and effective networking strategies.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Communication Disorders Cert (790)
  • Communication Disorders (090)

CMD522. Voice Disorders. 2 Credits.
Recent developments, research findings, and treatment methods related to the etiology and therapy of voice disorders.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD523. Language and Literacy Development . 3 Credits.
Explores the nature of language and literacy development and provides an introduction to modern theories, recent developments, research findings, and treatment methods related to language and literacy.
Restrictions:
• Must have the following level: Graduate

CMD524. Applied Language Sciences. 1 Credit.
Formal aspects of syntax and morphology as appropriate to the assessment and treatment of breakdowns in typical language production and comprehension. Syntactic terms used by language interventionists are reviewed and applied through practice exercises. Topics are addressed within the framework of Brown's stages of developmental expectations.
Restrictions:
• Must have the following level: Graduate

CMD525. Advanced Diagnosis of Speech and Language Disorders . 3 Credits.
Theoretical and practical application of the scientific method to the diagnosis of speech, language, and voice disorders in individuals.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)
CMD526. Diagnostic Practicum in SLP. 1 Credit.
Guided clinical practice in diagnostic procedures in speech and language in an on-campus clinical setting, toward meeting requirements for ASHA certification. May be repeated for credit up to 2 times.
Prerequisites:
• CMD 525 (may be taken concurrently) with a minimum grade of C-
Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD527. Practicum in Speech Language Pathology: Specialty Clinic. 1 Credit.
Specialty Clinic Procedures used in the examination, diagnosis, and treatment of communication disorders are studied and applied under supervision. Each student will plan and carry out a program of treatment for persons with communication disorders. Students analyze their clinical performance, set goals for improvement, and evaluate their progress. May be repeated for credit.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD528. Practicum in Speech Language Pathology: Off-Campus Screenings. 1 Credit.
Off-Campus Screenings Procedures used in the examination, diagnosis, and treatment of communication disorders are studied and applied under supervision. Each student will plan and carry out a program of treatment for persons with communication disorders. Students analyze their clinical performance, set goals for improvement, and evaluate their progress. May be repeated for credit.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD529. Communication and Communication Disorders in Autism Spectrum Disorders. 3 Credits.
Designed to explore the nature of communication and communication disorders in autism spectrum disorders, emphasizing issues related to characteristics, diagnosis, etiology, and intervention of communication disorders across the lifespan.
Restrictions:
• Must have the following level: Graduate

CMD530. Practicum in Speech-Language Pathology in the Schools. 3 Credits.
Guided clinical practice in the therapeutic procedures for the prevention, assessment and management of communication disorders in an educational setting. Sufficient to meet requirements for initial New York State certification as Teachers of Students with Speech and Language Disabilities (TSSLD).
Prerequisites:
• CMD 501 and CMD 503 and CMD 506 and CMD 525 with a minimum grade of C- and CMD 526
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD532. Clinical Instrumentation Laboratory. 1 Credit.
Principals of assessment of speech and voice, including physiologic, acoustic, and perceptual measures. Students will acquire practical experience in performing voice assessments and in interpreting and reporting the results.
Prerequisites:
• CMD 509 with a minimum grade of C-
Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD550. Research Methods and Evidence Based Practice 1. 2 Credits.
The first of two research courses that introduce the research process, research techniques and research sources. Dual goals of the course are the enable students to write effective research proposals for questions they desire to answer and to understand and critically evaluate research reports they read.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD551. Research Methods and Evidence Based Practice 2. 2 Credits.
One of two research courses that expand students’ knowledge on the research process, research techniques and research sources. Dual goals of the course are to enable students to write effective research proposals for questions they desire to answer and critically evaluate reports they read.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD553. Research Practicum. 1 Credit.
A mentored forum for students to refine their own research interests while participating in clinical and non-clinical research specific to Communication Disorders. May be repeated for credit up to three times.
CMD570. Diagnostic Audiology Practicum for the SLP. 1 Credit.
Students will be introduced to diagnostic audiological environment and develop skills commensurate with Scope of Practice for Speech language Pathologist (ASHA Legislative Council on September 2, 2007, LC 09-07). Student will engage with patient in audiological evaluation techniques with specific focus on aural rehabilitation. Basic evaluation interpretation in a strictly supervised setting.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD593. Communication Disorders Selected Topic. 1-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
- Must have the following level: Graduate

CMD595. Indep Study Communication Disorders. 1-12 Credits.
Restrictions:
- Must have the following level: Graduate

CMD599. Comprehensive Exam Workshop. 0 Credits.
Non-credit workshop for students who wish to devote the semester immediately following the completion of their coursework to prepare for the comprehensive exam.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): Communication Disorders (090)

CMD799. Continued Registration. 1 Credit.

Communication Studies (CMM)
CMM595. Independent Study Communication. 0 Credits.
Restrictions:
- Must have the following level: Graduate

Computer Science (CPS)
CPS500. Computer Graphics . 3 Credits.
Graphics software and hardware, representation of points, lines, and surfaces in three dimensions, windowing, clipping, hidden surfaces and lines, shading.
Prerequisites:
- Computer Science MS Prelim with a score of 1
Restrictions:
- Must have the following level: Graduate

CPS501. Computer Systems . 3 Credits.
A study of computer systems covering both software and hardware. Topics include number systems, machine language, assembly language, linking and loading, digital electronics, microprogramming, and computer architecture.
Prerequisites:
- Computer Science MS Prelim with a score of 1
Restrictions:
- Must have the following level: Graduate

CPS505. Computer Simulation . 3 Credits.
Use of the computer as a simulation tool, discrete and continuous simulation techniques, simulation languages, selected applications such as queuing theory, financial analysis, and simulation of computer systems.
Prerequisites:
- Computer Science MS Prelim with a score of 1
Restrictions:
- Must have the following level: Graduate

CPS515. Programming Languages . 3 Credits.
A critical evaluation of the design and implementation of programming languages. Topics include: history of programming languages, syntax and semantics, data and control structures, expressions, subprograms, scope and visibility, data abstraction, and exception handling.
Prerequisites:
- Computer Science MS Prelim with a score of 1
Restrictions:
- Must have the following level: Graduate

CPS520. Concurrent Programming . 3 Credits.
Mutual exclusion, Dekker's algorithm, semaphores, languages for concurrent programming, applications in operating systems.
Prerequisites:
- Computer Science MS Prelim with a score of 1
Restrictions:
- Must have the following level: Graduate

CPS522. Operating Systems . 3 Credits.
A comprehensive investigation of Operating Systems concepts, including the following topics: Process Management, Memory Management, File Management, Input/Output, and Deadlocks. Examples of these concepts will be illustrated using the Unix operating system.
Prerequisites:
- Computer Science MS Prelim with a score of 1
Restrictions:
- Must have the following level: Graduate

CPS524. Parallel Computation . 3 Credits.
Efficient parallel algorithms on arrays, trees, hypercubes, and PRAMS for a variety of problems. Structural properties of various network architectures and their relationships.
Prerequisites:
- Computer Science MS Prelim with a score of 1
Restrictions:
- Must have the following level: Graduate
CPS526. Advanced Data Structures . 3 Credits.
In-depth study of methods for organizing, retrieving, and modifying data in digital computers, as well as mathematical analysis of these techniques.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS528. Algorithms . 3 Credits.
Algorithms for a variety of applications. Various design and analysis techniques. Probabilistic and approximation algorithms.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS530. Computer Networks . 3 Credits.
Network topology and communication media, resource sharing, performance analysis, protocols, local networks.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS532. Theory of Computation . 3 Credits.
Computability by Turing machines, grammars, and recursive functions. Uncomputability and computational complexity.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS535. Formal Languages . 3 Credits.
Phrase-structure languages, automata and their languages, applications of formal languages to pattern recognition.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS540. Artificial Intelligence . 3 Credits.
Basic problem solving methods, game playing, knowledge representation using first order logic, knowledge representation using other logics, theorem proving, pattern recognition, symbolic processing.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS545. Advanced Operating Systems . 3 Credits.
The study of modern operating systems. Process, memory, device, and file management; virtual machines, distributed systems, security, reliability, performance analysis.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS550. Software Engineering . 3 Credits.
Program development tools, structured design and programming methodologies, software testing and validation, managing software development.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS552. Object Oriented Programming . 3 Credits.
The concepts of object oriented programming – encapsulation, aggregation, inheritance, constructors, destructors, polymorphism, and templates. Various choices for design and implementation. Writing programs is typically a major component of this course.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS554. User Interface Programming . 3 Credits.
Introduction to methodologies, techniques, libraries, interfaces, and tools to design and implement window-based graphical user interfaces. The course is typically a programming intensive course.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS555. Advanced Database Principles . 3 Credits.
Recovery, integrity, concurrency, data models, extended relational model, distributed databases, database machines.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS560. Cryptography . 3 Credits.
Transposition ciphers, substitution ciphers, algebraic systems, block ciphers, public key systems, data encryption standard.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate
CPS565. Compiler Design . 3 Credits.
Compiler design and implementation using top-down and bottom-up parsing. Scanner and parser generators.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS567. Compiler Optimizations . 3 Credits.
An overview of the evolving field of compiler optimizations. Internal program representations, local and global optimizations, control flow analysis, data flow frameworks, static single assignment form, control dependence analysis, automatic parallelization, interprocedural analysis, pointer alias analysis, loop transformations.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS570. Systems Programming . 3 Credits.
Systems programming in assembly and/or high-level language. Students will write several systems programs, such as a RAM disk and a virus detection program.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS575. Advanced Computer Architecture . 3 Credits.
Study of current trends in computer architecture with topics selected by instructor. Among these may be parallel processing, capability-based systems and microprocessor architecture.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS580. Functional Programming . 3 Credits.
The functional language mode, lambda calculus, functional programming in one or more languages, the design and implementation of an interpreter for a functional programming language.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS593. Computer Science Selected topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

CPS594. Fieldwork Comp Science. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

CPS595. Indep Study Comp Science. 1-12 Credits.
Prerequisites:
• Computer Science MS Prelim with a score of 1
Restrictions:
• Must have the following level: Graduate

CPS599. Comprehensive Exam Workshop. 0 Credits.
Restrictions:
• Must have the following level: Graduate

CPS599. Comprehensive Exam Workshop. 0 Credits.
Restrictions:
• Must have the following level: Graduate

CPS793. Computer Science Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

CPS795. Indep Study Comp Science. 0 Credits.
Restrictions:
• Must have the following level: Graduate

CPS799. Continued Registration. 1 Credit.
Restrictions:
• Must have the following level: Graduate
Counseling (COU)

COU501. Ethics and Professional Identity in Mental Health Counseling. 3 Credits.
Overview of ethics and professional identity in mental health counseling.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Mental Health Counseling Cert (291)
  - Clinical Mental Health Counsel (293)
  - Mental Health Counseling (290)

COU502. Ethics and Professional Identity in School Counseling. 3 Credits.
Overview of ethics and professional identity in school counseling.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): School Counseling (295)

COU505. Professional Roles in Mental Health Counseling. 3 Credits.
Overview of the professional roles that mental health counselors engage in, including supervision, consultation, leadership and social advocacy.
Restrictions:
- Must have the following field(s) of study (major, minor or concentration):
  - Mental Health Counseling Cert (291)
  - Clinical Mental Health Counsel (293)
  - Mental Health Counseling (290)

COU506. Professional Roles in School Counseling. 3 Credits.
Overview of the professional roles that school counselors engage in, including supervision, consultation, leadership, classroom management and social advocacy.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): School Counseling (295)

COU510. Counseling Theories. 3 Credits.
Contemporary theories of counseling and psychotherapy.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Clinical Mental Health Counsel (293)
  - Mental Health Counseling (290)
  - Mental Health Counseling Cert (291)

COU515. Counseling Skills. 3 Credits.
Contemporary counseling skills. Techniques from approaches such as analytic, person-centered, cognitive-behavioral, and family systems.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Clinical Mental Health Counsel (293)
  - Mental Health Counseling (290)
  - Mental Health Counseling Cert (291)

COU520. Career Development, Counseling, and Assessment. 3 Credits.
Career counseling theory and practice. Models of career development and implications of these models for career counseling and assessment across diverse populations.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Clinical Mental Health Counsel (293)
  - Mental Health Counseling (290)
  - Mental Health Counseling Cert (291)

COU525. Multicultural Counseling. 3 Credits.
Reviews knowledge and research in multicultural counseling. Teaches skills useful in counseling individuals from diverse populations; focus on personal awareness about stereotypes and how they may impact counseling diverse clients.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Clinical Mental Health Counsel (293)
  - Mental Health Counseling (290)
  - Mental Health Counseling Cert (291)

COU530. Practicum in Mental Health Counseling. 3 Credits.
Continued development and practice of skills learned in COU515: Counseling Skills. Application of ethical/legal standards, socio-cultural/diversity issues, and professional skills including documentation and treatment planning in mental health counseling; includes supervised practicum experience in mental health counseling setting.
Prerequisites:
- COU 501 with a minimum grade of B and COU 510 with a minimum grade of B and COU 515 with a minimum grade of B and COU 520 with a minimum grade of B
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): Mental Health Counseling (290)
COU535. Practicum in School Counseling. 3 Credits.
A 100-hour semester long experience working in schools learning about and practicing the various roles and responsibilities of a school counselor. The course includes an in-class training component with includes group supervision, conduction case conferences, applying counseling theories relevant to school counseling.

Prerequisites:
- COU 501 with a minimum grade of B and COU 510 with a minimum grade of B and COU 515 with a minimum grade of B and COU 520 with a minimum grade of B

Restrictions:
- Must have the following level: Graduate

COU540. Psychopathology. 3 Credits.
Reviews approaches to psychopathology, particularly as they pertain to counseling. Examines systems for conceptualizing, comprehending, and understanding those diagnosed with psychopathology. Covers theoretical approaches and the Diagnostic and Statistical Manual of Mental Disorders.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Clinical Mental Health Counsel (293)
  - School Counseling (295)
  - Mental Health Counseling Cert (291)

COU545. Group Dynamics and Counseling. 3 Credits.
Theory and practice of group counseling. Examines group dynamics and theories of group development in counseling contexts. Techniques and principles of group counseling, with special emphasis on implications for school and mental health counseling settings.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Clinical Mental Health Counsel (293)
  - School Counseling (295)
  - Mental Health Counseling (290)
  - Mental Health Counseling Cert (291)

COU550. Couple and Family Counseling. 3 Credits.
A variety of approaches to family and couples therapy including psychoanalytic, behavioral, transgenerational, structural, strategic and systems will be examined. The theory and technique of Bowen, Minuchin, Haley, and the Milan associates will be emphasized.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Clinical Mental Health Counsel (293)
  - School Counseling (295)
  - Mental Health Counseling (290)
  - Mental Health Counseling Cert (291)

COU555. Assessment. 3 Credits.
Theoretical and applied examination of issues pertinent to personality and intellectual assessment. Introduces practical applications (administration, scoring, interpretation, and report-writing), as well as theoretical issues (ethics, utility, reliability, and validity).

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Clinical Mental Health Counsel (293)
  - Mental Health Counseling (290)
  - Mental Health Counseling Cert (291)

COU561. Evidence-Based Assessment & Treatment of Traumatic Stress. 3 Credits.
Understanding, assessing and treating traumatic stress and post-traumatic stress disorder (PTSD), including the nature and impact of trauma, risk and protective factors, assessing post-traumatic effects, early intervention and PTSD prevention strategies, an overview of cognitive-behavioral treatments, and cross-cultural perspectives.

Prerequisites:
- COU 510 with a minimum grade of D- and COU 515 with a minimum grade of D-

Restrictions:
- Must have the following level: Graduate

COU562. Assessment and Interventions with Children, Adolescents, and Families. 3 Credits.
The social-emotional and developmental needs of children make them a special population that necessitates specialized training for individuals who will work with children and families. This course will train students to assist child survivors and their caregivers following disasters and traumatic events, especially those events that cause the sudden death of a parent or other loved one.

Prerequisites:
- COU 510 with a minimum grade of D- and COU 515 with a minimum grade of D-

Restrictions:
- Must have the following level: Graduate

COU563. Assisting Veterans and First Responders. 3 Credits.
This online course will prepare clinicians to engage and treat military personnel and first responders and their families, examining the unique cultural and clinical considerations affecting these populations and using theory and research to identify appropriate treatment modalities.

Prerequisites:
- COU 510 with a minimum grade of D- and COU 515 with a minimum grade of D-

Restrictions:
- Must have the following level: Graduate
COU565. Disaster Counseling and Crisis Intervention. 3 Credits.
Theory and research in disaster mental health are studied. Activities of disaster counseling are practiced. Students complete a one-day American Red Cross training in DMH that will allow them to be deployed to disasters.
Prerequisites:
- (COU 510 with a minimum grade of D- or PSY 551 with a minimum grade of D-) and (COU 515 with a minimum grade of D- or PSY 553 with a minimum grade of D-) and (COU 540 with a minimum grade of D- or PSY 552 with a minimum grade of D-)
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Clinical Mental Health Counsel (293)
  - Mental Health Counseling (290)
  - Mental Health Counseling Cert (291)

COU566. Assisting Vulnerable Populations. 3 Credits.
Understanding the needs of individuals and groups considered vulnerable prior to, during, and after a disaster, including learning to assess needs, understanding the systems already in place, knowing how to access appropriate supports and structures, and an overview of factors that may assist in mitigating the effects of disasters.
Prerequisites:
- COU 510 with a minimum grade of D- and COU 515 with a minimum grade of D-
Restrictions:
- Must have the following level: Graduate

COU567. Grief, Loss and Bereavement. 3 Credits.
Understanding and treating reactions to death and loss, especially due to disaster. Topics include attachment, typical and extreme reactions, models of adjustment, death rituals, and grief counseling and other evidence-informed interventions for survivors.
Prerequisites:
- COU 510 with a minimum grade of D- and COU 515 with a minimum grade of D-
Restrictions:
- Must have the following level: Graduate

COU570. Substance Use and Addictions Counseling. 3 Credits.
Introduction to the fundamental principles, theories, and skills of substance use and addictions counseling.
Prerequisites:
- COU 510 with a minimum grade of C- and COU 515 with a minimum grade of C-
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Clinical Mental Health Counsel (293)
  - Mental Health Counseling (290)
  - Mental Health Counseling Cert (291)

COU575. Human Growth and Development. 3 Credits.
This course examines theory and research related to the social, emotional, cognitive, and physical development of individuals. Consideration is given to diverse pathways to and through adulthood, normative transitions, and ecological and contextual models of development.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Clinical Mental Health Counsel (293)
  - Mental Health Counseling (290)
  - Music Therapy (285)
  - Mental Health Counseling (290)

COU585. Contemporary Issues in Counseling. 3 Credits.
In depth examination of a particular area related to counseling. May be repeated multiple times for credit, as long as the topic is different each time course is taken.
Restrictions:
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Clinical Mental Health Counsel (293)
  - Mental Health Counseling (290)
  - Mental Health Counseling Cert (291)

COU590. Thesis. 1-12 Credits.
Students write a counseling-related thesis under the supervision of a thesis committee (a faculty adviser and two committee members). Students do a literature review/conceptual thesis (3 credits) or an empirical thesis (6 credits). All empirical projects must conform to IRB guidelines.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Mental Health Counseling (290)
COU593. Counseling Selected Topic. 1-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

COU595. Indep Study Counseling. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

COU599. Comprehensive Exam Workshop. 0 Credits.
Non-credit workshop for students who wish to devote the semester immediately following the completion of their coursework to prepare for the comprehensive exam.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Mental Health Counseling (290)

COU610. Research Methods and Program Evaluation. 3 Credits.
The primary objective of this course is to enable you to develop the necessary knowledge and skills that are essential for becoming a critical producer of empirical research.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • School Counseling (295)
  • Clinical Mental Health Counsel (293)
  • Mental Health Counseling (290)
  • Mental Health Counseling Cert (291)

COU771. Internship in Mental Health Counseling 1. 3 Credits.
First half of intensive supervised internship experience in mental health counseling agencies. The sequential training experience presents students with an increasingly advanced understanding of the roles and duties of mental health counselors. Course includes on-site supervised training experience in addition to in-class training component.
Prerequisites:
• (PSY 580 with a minimum grade of D- or COU 530 with a minimum grade of S)
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Mental Health Counseling (290)

COU772. Internship in Mental Health Counseling 2. 3 Credits.
Second half of intensive supervised internship experience in mental health counseling agencies. The sequential training experience presents students with an increasingly advanced understanding of the roles and duties of mental health counselors. Course includes on-site supervised training experience in addition to in-class training component.
Prerequisites:
• (PSY 581 with a minimum grade of B- or COU 771 with a minimum grade of B)
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Mental Health Counseling (290)

COU781. Internship in School Counseling 1. 3 Credits.
First half of an intensive supervised internship experience in mental health counseling agencies. The sequential training experience presents students with an increasingly advanced understanding of the roles and duties of mental health counselors. Course includes on-site supervised training experience in addition to in-class training component.
Prerequisites:
• (COU 535 with a minimum grade of B)
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): School Counseling (295)

COU782. Internship in School Counseling 2. 3 Credits.
Second half of intensive supervised internship experience in school counseling. The sequential training experience presents students with an increasingly advanced understanding of the roles and duties of school counselors. Course includes on-site supervised training experience in addition to in-class training component.
Prerequisites:
• (COU 781 with a minimum grade of B)
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): School Counseling (295)

COU795. Independent Study Counseling. 1-12 Credits.
Economics (ECO)

ECO501. Survey of Economics. 3 Credits.
Introduction to economic analysis for management decisions. Prediction of individual prices, the price of factors of production for optimization and forecasting. Study of the performance of the national economy. The goals and problems of high employment, price stability, growth, and the balance payments are analyzed. Introduction to monetary and banking institutions, fiscal policy and their applications to current domestic and international issues. Not open to undergraduate Business or Economics majors.
Prerequisites:
• MAT 152 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

Education Interdisciplinary (EDI)

EDI526. Thg and Learn Middle School. 3 Credits.
Restrictions:
• Must have the following level: Graduate

EDI593. Interdisciplinary Ed Selected Topic. 12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

EDI594. Fieldwork In Interdisciplinary Ed. 0 Credits.
Restrictions:
• Must have the following level: Graduate

EDI595. Indep Study Interdisciplinary Ed. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

EDI599. Modular Course. 1 Credit.

EDI769. Design and Administration of Educational Media Systems. 3 Credits.
Procedures for designing, developing and implementing an educational media program for schools, colleges, and other educational agencies; examining various kinds of instructional media support systems; tailoring the media program to specific situations; dealing with media problems; improving facilities; helping teachers to use media; staffing; budget.
Restrictions:
• Must have the following level: Graduate

EDI775. Graduate Reading Seminar. 3 Credits.
Reviews and synthesizes major aspects of reading presented through the master's program, based on required current readings. Additionally requires students to complete an action research project. This is the final course in the master's program in education for students with a K-12 reading concentration.
Prerequisites:
• EED 746 with a minimum grade of B
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Literacy Education: 5 - 12 (030B)
  • Literacy Education: B - 6 (030A)
  • Literacy Ed and Child Spec Ed (029A)
  • Literacy Ed and Adol Spec Ed (029B)

EDI793. Theoretical Fndtns Read. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

EDI795. Indep Study Interdisciplinary Ed. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

EDI798. Principles of Research. 3 Credits.
Students will read, discuss, debate and write about education research and its intersection with teaching. Participants will design their own research project with the approval and support of the professor.

EDI799. Modular Course. 1 Credit.

Educational Administration (EDA)

EDA701. Internship in Educational Administration and Supervision. 3-12 Credits.
Planned and individual program will provide training and experience in a school leadership position in the area where certification is sought. Will be part-time for two semesters. Three credits per semester. There are visitations from college personnel to assist and guide the intern. Four (4) seminars are required.
Restrictions:
• Must have the following level: Graduate

EDA702. Internship In Educational Administration and Supervision II. 6 Credits.
A planned and individual program will provide training and experience in a school leadership position in the area where certification is sought. May be full-time for one semester. Three credits per semester. There are visitations from college personnel to assist and guide the intern. Eight (8) seminars are required.
Restrictions:
• Must have the following level: Graduate
EDA760. Current Issues in Educational Administration . 3 Credits.
This course will examine the effects social conditions have on children and families whose educational needs have been marginalized. Students will evaluate the effectiveness of school reform initiatives and develop ways to provide equitable education for all children.
Restrictions:
• Must have the following level: Graduate

EDA763. Educational Supervision and Accountability . 3 Credits.
This course examines the administrator’s role in the application of effective supervisory practices as they relate to certified and non-certified personnel. COURSE FEE FOR WATERMARK.
Restrictions:
• Must have the following level: Graduate

EDA769. The Principalship . 3 Credits.
This course examines the various roles and responsibilities of the building Principal as school building leader. Students will examine the issues facing the Principal and develop coping strategies for addressing them.
Restrictions:
• Must have the following level: Graduate

EDA772. Administrative Theory and Practice . 3 Credits.
This course provides an overview of administrative theory and its impact on educational administration. A variety of theories, concepts, ideas, and practices are reviewed in the areas of organization, leadership, decision-making, communication, change, conflict, and ethics. COURSE FEE FOR WATERMARK.
Restrictions:
• Must have the following level: Graduate

EDA775. New York State Education Law and Policy Implementation . 3 Credits.
This course addresses the laws and policies that affect schools in New York State. New York State laws and regulations, as influenced by federal constitutional and statutory laws, will be examined as they relate to governing, managing, and implementing school programs.
Restrictions:
• Must have the following level: Graduate

EDA776. Finance and Revenue Management . 3 Credits.
Theory and practices of educational finance in public education. Relations with state and federal sources, changing conceptions of governmental functions. Foundation support for education, grants for research and innovation. Weaknesses and strengths of current educational finance and suggested improvements. Interrelations of education and the economy; financing local school systems.
Restrictions:
• Must have the following level: Graduate

EDA784. Curriculum Development for Administrators . 3 Credits.
This course examines the foundations, principles, and issues in curriculum. Emphasis will be placed on evaluation of the structure and content of curriculum, effectiveness of the delivery systems, and on development and alignment of the curriculum.
Restrictions:
• Must have the following level: Graduate

EDA789. The Superintendency . 3 Credits.
This course examines the roles and responsibilities of a superintendent of schools. There will be additional emphasis on the tasks and problems faced by superintendents in an ever-changing pluralistic society. Attention will also be given to the superintendency in New York State. The American Association of School Administrator’s Professional Standards for the Superintendency will serve as a basis for this course.
Restrictions:
• Must have the following level: Graduate

EDA793. Ed Admin Selected Topic . 1-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

EDA795. Indep Study Ed Admin . 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

Educational Studies (EDS)

EDS511. Child Development . 3 Credits.
Examines recent research findings in the social, emotional, intellectual, and physical development of children and implications for teachers’ relationship with individual children.
Restrictions:
• Must have the following level: Graduate

EDS520. History of Education . 3 Credits.
Traces the history of American education from the Colonial Period. It includes a discussion of the development of public schools, and the relationship between cultural pluralism and schooling.
Restrictions:
• Must have the following level: Graduate

EDS537. Issues in Multicultural Education . 3 Credits.
This course examines the way that racial and cultural differences shape the purposes and practices of education. It examines the social foundations of multicultural education, with particular attention to inequities among racial and cultural groups.
Restrictions:
• Must have the following level: Graduate

EDS538. Psychological Foundations of Education . 3 Credits.
This course examines the links between education, particularly schooling, and psychological development. Themes addressed include development, the interplay of psyche and culture, paradigmatic and narrative modes of thinking, etc. Central to the course is the consideration of how theory influences individual learners and their communities.
Restrictions:
• Must have the following level: Graduate
EDS539. Social Foundations of Education. 3 Credits.
Examines the relationship of schooling to its context through philosophy and/or social science. It addresses cultural diversity, economic stratification, gender, and the social condition of children as they affect contemporary educational challenges and possibilities.
Restrictions:
- Must have the following level: Graduate

EDS541. Humanistic/Multicultural Approaches to Education and Human Services. 3 Credits.
This introductory course examines the philosophical, psychological and social foundations of humanistic/multicultural education. Students explore the challenge of implementing humanistic principles that support achievement, diversity and equity in their school, human service institutions and society.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): Humanistic-Multicultural Ed (070)

EDS542. Women's Issues in Human Services. 3 Credits.
This course focuses on contemporary issues concerning the status and welfare of women from diverse social groups who are served by human service organizations.
Restrictions:
- Must have the following level: Graduate

EDS545. Cooperatively Structured Learning. 3 Credits.
This course focuses on methods to make teaching and learning cooperative in heterogeneous groups and educational settings. Examination of the implications of cooperation and competition for schools, organizations and society.
Restrictions:
- Must have the following level: Graduate

EDS546. Conflict Resolution in Education. 3 Credits.
A focus on understanding and constructively dealing with conflict as it manifests itself in educational settings, with particular emphasis on mediation, peer mediation programs, and dealing with diversity.
Restrictions:
- Must have the following level: Graduate

EDS547. Education of Self for Professionals. 3 Credits.
This experiential course focuses on the role of self-knowledge in teaching and learning. The impact of gender, age, race, class, culture and family history on personal development are explored. Students examine limiting patterns and design alternatives.
Restrictions:
- Must have the following level: Graduate

EDS548. Multicultural Approaches to Helping. 3 Credits.
Focuses on the development of a multicultural model for facilitating helping relationships and recognizes helping as a structured social process and an essential human quality. Explores traditional healing practices and contemplative approaches to helping.
Restrictions:
- Must have the following level: Graduate

EDS549. Issues in Literacy for Diverse Learners. 3 Credits.
Explores issues in the sociocultural, moral, political, historical, and developmental dimensions of literacy. Students consider how classroom practices for secondary students relate to theories of learning, to first- and second-language acquisition, and to literacy development. This course presents a broad view of literacy as a form of communication.
Restrictions:
- Must have the following level: Graduate

EDS550. Expressive Arts, Leadership, and Change. 3 Credits.
The expressive arts can be utilized in envisioning and leading change initiatives that address social justice issues in schools and community organizations. This reflective and experiential course will explore practical, arts-based teaching and learning strategies.
Restrictions:
- Must have the following level: Graduate

EDS556. Drug Education for School Personnel. 1 Credit.
Introduction to drugs, drug use, drug education, and disciplinary responses to drug use in public schools. Cultivates capacities for understanding and investigating the impact of drug policy in schools.
Restrictions:
- Must have the following level: Graduate

EDS580. Current Issues in Education. 3 Credits.
Current issues in public education in the United States, the context from which they emerge, and their possible resolution.
Restrictions:
- Must have the following level: Graduate

EDS581. Issues of Racism and Sexism in Education. 3 Credits.
This course examines personal and institutional racism and sexism and their intersections with discrimination based in class, sexual orientation, religion, ability, gender identity, language, age and nationality. It offers strategies for creating multicultural, gender-fair and equitable curricula, classrooms, schools and organizations.
Restrictions:
- Must have the following level: Graduate

EDS582. Exploration of Gender in Education. 3 Credits.
This course examines experiences of gender in educational institutions from early childhood through graduate school. Students analyze curriculum materials, classroom interaction patterns, organizational/social forces, and methods for creating gender-fair, multicultural classrooms and other educational settings.
Restrictions:
- Must have the following level: Graduate

EDS593. Ed Studies Selected Topics. 1-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
- Must have the following level: Graduate
EDS594. Fieldwork In Ed Studies. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

EDS595. Indep Study Ed Studies. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

EDS702. Human Motivation and Learning . 3 Credits.
Principles of motivation and learning taken from psychological theory and their application to classroom learning. Works of some outstanding psychologists examined for similarities and differences in points of view toward how learning takes place and how people are motivated.
Restrictions:
• Must have the following level: Graduate

EDS730. Adolescent Development . 3 Credits.
Study of adolescent behavior and factors that determine it; special reference to the educational implications of such behavior for secondary school teachers. Not open to students who have taken an adolescent psychology course.
Restrictions:
• Must have the following level: Graduate

EDS732. Group Dynamics . 3 Credits.
A laboratory for experiencing and analyzing group processes such as leadership, diversity, decision-making, communication, conflict resolution, problem-solving and team building. Students analyze and enhance their own behavior in groups and practice process-observation skills.
Restrictions:
• Must have the following level: Graduate

EDS735. Experiential Workshop Design . 3 Credits.
An exploration of the knowledge, skills and attitudes necessary to plan, design and evaluate experiential learning activities. Course competencies can be applied in a wide variety of settings and with a diverse range of learners.
Restrictions:
• Must have the following level: Graduate

EDS741. Social-Emotional Learning for Social Justice. 3 Credits.
This course focuses on social-emotional learning in an interdisciplinary social justice context. Participants will explore programs and resources for use with a diverse range of learners in educational and human service settings.
Restrictions:
• Must have the following level: Graduate

EDS742. Dynamics of Transformative Social Change. 3 Credits.
Explores the personal, social, political and technological context of organizational and community work and identifies theoretical and practical approaches for fostering democratic and just social transformation.
Restrictions:
• Must have the following level: Graduate

EDS748. Qualitative Research Methods . 3 Credits.
This required course introduces students to qualitative research methods. Students design, implement and present a major research project. This course should be taken near the end of the program.
Prerequisites:
• EDS 541 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Humanistic-Multicultural Ed (070)

EDS749. Seminar in Humanistic/Multicultural Education and Human Services . 3 Credits.
A focus on the contributions of critical theory to a broader definition and vision of humanistic approaches to education and the human services. This course should be taken near the end of the program.
Prerequisites:
• EDS 541 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Humanistic-Multicultural Ed (070)

EDS752. Philosophy of Education . 3 Credits.
Examines the purposes, ideals and central concepts of education. It draws on texts from the history of philosophy as well as contemporary educational thought.
Restrictions:
• Must have the following level: Graduate

EDS753. Leadership in Education and Human Service Settings . 3 Credits.
This course examines a variety of theoretical models of leadership and personal leadership styles. Students develop skills in areas of planning, staff evaluation and development, personal goal setting, conflict resolution and supporting diversity.
Restrictions:
• Must have the following level: Graduate

EDS793. Ed Studies Selected Topics. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

EDS794. Fieldwork In Ed Studies. 3 Credits.
Restrictions:
• Must have the following level: Graduate

EDS795. Indep Study Ed Studies. 1-6 Credits.
Restrictions:
• Must have the following level: Graduate
Elementary Education (EED)

EED501. Fieldwork in Early Childhood. 1 Credit.
Fieldwork focused on developmentally appropriate practices and teaching reading in grades pre K-2, including managing the physical classroom environment, evaluating the literacy environment, conducting a successful read aloud, and analyzing developmentally appropriate practices. 40 hours. COURSE FEE FOR WATERMARK.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Child Ed 1-6 & Early Child B-2 (020E)
  - Childhood Ed 1-6 (020C)

EED502. Fieldwork in Math, Science, and Technology. 1 Credit.
Fieldwork focused on mathematics, science and technology for children in grades 1-6 with an emphasis on inquiry-based instructional models and educational games. 20 hours.

Prerequisites:
- EED 523 with a minimum grade of C and EED 501 with a minimum grade of C

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Child Ed 1-6 & Early Child B-2 (020E)
  - Childhood Ed 1-6 (020C)

EED503. Fieldwork in Grades 3-6. 1 Credit.
Teacher candidates complete a minimum of 60 hours participating in elementary classrooms (grades 3-6) as they take on the role of observer, assistant, and teacher for one-on-one, small group, and whole class instruction. 60 hours.

Prerequisites:
- EED 501 with a minimum grade of S and EED 502 with a minimum grade of C

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Child Ed 1-6 & Early Child B-2 (020E)
  - Childhood Ed 1-6 (020C)

EED505. Microcomputer as Ed Tool. 3 Credits.

Restrictions:
- Must have the following level: Graduate

EED507. Creative Experience for Young Children . 3 Credits.
Use of ideas, concepts, and materials to develop teachers' awareness of alternative creative approaches to curriculum experiences dealing with the self, the senses, and the environment for nursery school, kindergarten, and primary children.

Restrictions:
- Must have the following level: Graduate

EED508. Language and Literature for Young Children . 3 Credits.
Children's literature for the nursery school, kindergarten, and primary level. Total language arts program, including storytelling.

Restrictions:
- Must have the following level: Graduate

EED509. Curriculum One: Infant and Toddler . 3 Credits.
Study of children prenatal through age two. Investigation of child development principles to promote physical, intellectual, social, and emotional development and competence in the child.

Restrictions:
- Must have the following level: Graduate

EED510. Teaching Writing & Multimodal Text Production. 3 Credits.
This clinically-rich course explores methods of teaching writing in grades K-12, Course activities are designed to meet the needs of diverse learners, and students will learn digital production skills across disciplines.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Literacy Education: 5 - 12 (030B)
  - Literacy Education: B - 6 (030A)

EED511. Piaget's Theory and App for Curr and Inst. in Elementary Classroom . 3 Credits.
A study of the development stage from sensori-motor through formal operations, the relationship to intellectual, social, and moral development, and the application to curriculum development and materials. Use of clinical method with children.

Restrictions:
- Must have the following level: Graduate

EED512. Children's and Young Adult Literature. 3 Credits.
Available reading materials in the light of children's interest and capabilities; contribution of literature to child growth. Concentration may be made on particular grade levels. It is suggested that students in the reading specialization cover grade levels K-Middle School.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Literacy Education: 5 - 12 (030B)
  - Literacy Education: B - 6 (030A)

EED513. Curriculum III: First and Second Grade . 3 Credits.
Focus on whole child and the integrated nature of learning and development in young children with specific attention to children in first and second grade and their families. Course integrated with arts, math, science and technology, health/physical development and social studies.

Restrictions:
- Must have the following level: Graduate
EED514. Developmentally Appropriate Practices: Birth - Second Grade . 3 Credits.
Candidates will consider cognitive and social development of children, birth through second grade and the implications for child development, curriculum planning, classroom management, environment and organization.
Restrictions:
• Must have the following level: Graduate

EED515. Curriculum Two: Preschool and Kindergarten . 3 Credits.
Focuses on the whole child and the integrated nature of learning and development in young children. Provides preparation for working with preschool/kindergarten children and their families.
Restrictions:
• Must have the following level: Graduate

EED516. Teaching Reading/Language Arts in the Elementary School . 3 Credits.
Explores the nature of an effective writing, reading, and language arts program in the elementary school by exploring evidence-based instruction and methods for assessment.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Childhood Education (020A)
• Students cannot elect the Satisfactory/Unsatisfactory grade option for this course

EED517. Teaching Science in the Elementary School . 3 Credits.
The nature of a good science program in the elementary school; selection and organization of science experiences of particular importance to children. Effective procedures for promoting in children a lasting interest in science.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Childhood Education (020A)

EED518. Teaching Mathematics in the Elementary School . 3 Credits.
Recent developments in the reorganization of mathematics programs in modern elementary schools. Research findings in effective classroom methods and materials for improving mathematics skills.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Childhood Education (020A)

EED519. Teaching Social Studies in the Elementary School . 3 Credits.
Research findings in teaching social studies in the elementary school. Implications for improving organization of all school programs in social studies and selection of effective methods and materials of instruction.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Childhood Education (020A)

EED520. Literacy and Reading Development - Birth - Kindergarten . 3 Credits.
This course focuses on early literacy development and how it can be fostered while honoring children’s individual differences, home environments, and backgrounds. Major themes include the exploration of interaction between symbolic development, language and literacy acquisition in children birth through five years of age. Major theories of literacy development are analyzed in light of early childhood classroom instructional techniques and the development of strategies to encourage language and literacy in young children. Working with parents to develop language and literacy skills and dispositions is also a major theme in this course. 20 hours of fieldwork required.
Restrictions:
• Must have the following level: Graduate

EED521. Field Experience Three: Implementing Instruction in the Classroom . 3 Credits.
This course will support the student in becoming a proficient teacher. The student will become familiar with lesson plans; teaching principles and practices to skillfully teach all students; individualization; and leadership.
Restrictions:
• Must have the following level: Graduate

EED522. Play: The Foundations of Literacy for Young children (B-K). 3 Credits.
Students will explore the complex issues of play, its role and value in the early classroom from both theoretical and practical perspectives, with particular focus upon early literacy development. Students will be required to identify and obtain permission to complete 15 hours of field observations at appropriate sites approved by the instructor.
Restrictions:
• Must have the following level: Graduate

EED523. Reading in the Primary Grades . 3 Credits.
Discusses the importance of language development and experiential background in the reading process. Emphasis is placed on early reading, language experience approaches and beginning developmental reading. An in-depth analysis of various methodologies for beginning reading instruction grades K-3 is provided.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Child Ed 1-6 & Early Child B-2 (020E)
  • Childhood Ed 1-6 (020C)

EED524. Reading in the Middle School . 3 Credits.
Concentrates on the teaching of reading in grades 4-8. Provides an in-depth study of general comprehension strategies, study skills, recreational reading, and reading strategies appropriate for content areas. Instructional techniques, including diagnostic procedures, are an important part of the course.
Restrictions:
• Must have the following level: Graduate
**EED525. Fundamentals of Reading . 3 Credits.**

Presents an overview of the reading process. Discusses current models of reading. Emphasizes comprehension strategies and word recognition skills, along with an overview of diagnostic procedures, from early reading stages through the middle school years. This course is designed for graduate students who have no previous formal college-level course work in the teaching of reading. Open only to students who have never taken a reading course or have not taken a reading course in five years.

**Restrictions:**
- Must have the following level: Graduate

**EED526. Creative Writing for Elementary School Teachers . 3 Credits.**

Opportunities for teachers to do some writing of their own for children, in addition to studying approaches in helping children to write. Contemporary children’s literature will be studied in regard to the various genres and styles of writing each type.

**Restrictions:**
- Must have the following level: Graduate

**EED528. Literacy and Language Learners. 3 Credits.**

Students engage with issues around developing literacy in a second language. Students explore theories of second language acquisition, ways to modify assessment and remediation based on students’ first language, and culturally responsive approaches to instruction.

**Restrictions:**
- Must have the following level: Graduate

- Literature (5-12) (030B)
- Literacy Education: B - 6 (030A)

**EED530. Health and Drug Education: Problem-Solving . 3 Credits.**

Study of basic health and drug education information essential for teachers to cope constructively with related problems in home, school, community, and society. Particular emphasis on experience with effective techniques in adult-student interaction and communication in an open, sensitive, and realistic manner.

**Restrictions:**
- Must have the following level: Graduate

**EED535. Research in Child, Family, School in Grades B-2. 3 Credits.**

Considerations of the cognitive and social development of children preschool through third grade. Implications for curriculum planning, classroom management and organization. Exploration of the relationship between the family and the school. Participants will design their own research project with the support and approval of the supervisor.

**Restrictions:**
- Must have the following level: Graduate

- Must have the following field(s) of study (major, minor or concentration):
  - Child Ed 1-6 & Early Child B-2 (020E)
  - Childhood Ed 1-6 (020C)

**EED536. Research in Child, Family, School in Grades 3-6. 3 Credits.**

Investigation of developmental stages and theories for children in grades 3-6 (ages 8-12); implications for curriculum planning, classroom organization, and management. Study of school, family and community impact of the child.

**Restrictions:**
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Child Ed 1-6 & Early Child B-2 (020E)
  - Childhood Ed 1-6 (020C)

**EED540. Field Studies in Environmental/Outdoor Education I: The Natural World . 3 Credits.**

Recognize examples of the natural systems and cycles that make up the Earth environment. Evaluate school grounds and community for outdoor education opportunities. Develop cross-curriculum resources for environmental literacy regarding the natural world and school.

**Restrictions:**
- Must have the following level: Graduate

**EED550. Advanced Child Development . 3 Credits.**

Focus on recent research findings, social issues and theoretical underpinnings in the development of children. Implications for teachers’ relationship with individual children and families will be discussed using a multicultural, sociological, psychological and historical perspective in understanding child and family development.

**Restrictions:**
- Must have the following level: Graduate

**EED565. Content Area Literacy, 1-6. 3 Credits.**

Explores the theories, methods, and materials necessary for successful integration of all language arts with content area subject matter for the B-6 learner in a clinically-rich format.

**Restrictions:**
- Must have the following level: Graduate

- Must have the following field(s) of study (major, minor or concentration):
  - Literacy Education: B - 6 (030A)
  - Reading-Literacy: 1-6 (013R)

**EED571. The Microcomputer as an Educational Tool . 3 Credits.**

The use of the computer to improve learning and teaching with “tool programs” such as word processors, spreadsheets, record keeping programs, tests and instructional material generators, telecommunications, and database programs. Includes discussion, and use of these programs on microcomputers in a laboratory.

**Restrictions:**
- Must have the following level: Graduate
EED578. Hudson River Studies . 3 Credits.
Intended for teachers (K-12), this course leads participants on a Hudson River odyssey, exploring the river’s ecology, human and natural history, and environmental issues through field trips and classroom presentations. The course will cover methods and materials used in classroom teaching about the river. A $60 fee is required for field trip and materials costs.

Restrictions:
• Must have the following level: Graduate

EED579. Integrating Reading, Language Arts and Social Studies in Grades 1-6 . 6 Credits.
Focuses on assessment techniques, curriculum development and instruction based on New York State learning standards in English/Language Arts and Social Studies in the elementary school. Special emphasis on reading and writing in content areas at intermediate grade levels, with specific attention to social studies.

Prerequisites:
• EED 523 with a minimum grade of D-

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Child Ed 1-6 & Early Child B-2 (020E)
  • Childhood Ed 1-6 (020C)

EED580. Connecting Mathematics, Science, and Technology in Elementary School . 6 Credits.
Focuses on assessment techniques, curriculum development and instruction based on New York State Learning Standards in mathematics, science, and technology in the elementary school, grades 1-6. Special emphasis is given to inquiry-based methodologies and the connectedness of the disciplines. Must take, at least, three credits before this course.

Prerequisites:
• EED 523 with a minimum grade of B

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Child Ed 1-6 & Early Child B-2 (020E)
  • Childhood Ed 1-6 (020C)

EED581. Foundations of Bilingual/Bicultural Education . 3 Credits.
Provides an overview of issues related to the education of limited English proficient students. The historical and legal foundations for bilingual education, models of bilingual education, and research findings regarding the effectiveness of bilingual education will be examined.

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Second Language Education (065)

EED583. Methods and Materials in Bilingual Education . 3 Credits.
A review of the methods, techniques and materials for teaching in a bilingual setting. Includes methods and techniques for the teaching of mathematics, science and social studies in Spanish. Students will prepare and adapt materials for use in a bilingual classroom.

Prerequisites:
• EED 581 with a minimum grade of D- and SED 573 with a minimum grade of D-

Restrictions:
• Must have the following level: Graduate

EED585. Teaching Reading and Language Arts in a Bilingual Setting . 3 Credits.
An analysis of the methods and materials for teaching reading and language arts in Spanish to bilingual students. Discussion will focus on the role of language and experience in reading instruction and on the effectiveness of native language reading instruction.

Restrictions:
• Must have the following level: Graduate

EED589. Practicum in Bilingual Education . 6 Credits.
A college-supervised experience in teaching in a bilingual setting required of all students in the Bilingual Education concentration during their final semester in the program. A research project based on the practicum experience will be required.

Prerequisites:
• EED 585 with a minimum grade of D-

Restrictions:
• Must have the following level: Graduate

EED593. Elem Ed Selected Topic. 12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

Restrictions:
• Must have the following level: Graduate

EED594. Fieldwork In Elementary Ed. 0 Credits.

Restrictions:
• Must have the following level: Graduate

EED595. Indep Study Elementary Ed. 3-12 Credits.

Restrictions:
• Must have the following level: Graduate

EED604. Student Teaching Grades B-3. 3 Credits.
Student teaching field experience in the preschool through elementary classroom setting. Candidates observe and demonstrate proficiency in the fundamentals of teaching: planning and/or execution of standards-based pupil learning experiences; development of appropriate instructional practices and assessment tools; implementation of classroom management procedures; communication with parents and school personnel; maintenance of pupil progress and evaluation records.

Restrictions:
• Must have the following level: Graduate
EED605. Student Teaching Grades 4-6. 3 Credits.
Student teaching field experience in the preschool through elementary classroom setting. Candidates observe and demonstrate proficiency in the fundamentals of teaching: planning and/or execution of standards-based pupil learning experiences; development of appropriate instructional practices and assessment tools; implementation of classroom management procedures; communication with parents and school personnel; maintenance of pupil progress and evaluation records.
Restrictions:
• Must have the following level: Graduate

EED606. Student Teaching Seminar. 1 Credit.
Candidates explore and respond to issues in student teaching including: standards-based instructional practice; assessment and evaluation; critical reflection; classroom management; school-community relations; ethics and law; and post-commencement professional transitions.
Restrictions:
• Must have the following level: Graduate

EED693. Elementary Ed Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

EED700. Foundations of Early Childhood Education . 3 Credits.
Major historical and philosophical concepts in teaching young children from the seventeenth century to the present and their contribution to current curriculum practices.
Restrictions:
• Must have the following level: Graduate

EED703. Program Planning for Young Children . 3 Credits.
Restrictions:
• Must have the following level: Graduate

EED707. Workshop in Teaching Mathematics and Technology in the Elementary School. 3 Credits.
Current issues in elementary school mathematics instruction will be addressed, with an emphasis on problem solving and the use of manipulatives. Topics covered will include remediation, the role of technology, assessment, and the integration of mathematics with other subject areas to enhance STEM education objectives.
Restrictions:
• Must have the following level: Graduate

EED709. Workshop in Teaching Science and Literacy in the Elementary School. 3 Credits.
Foci of course: (1) National Science & ELA Standards; (2) hands-on materials, inquiry activities, children's literature, and science notebooks; (3) utilization of community, environment, and integrated approaches to connecting science and literacy; (4) includes development of learning centers, curriculum guides, and/or other alternate instructional strategies.
Restrictions:
• Must have the following level: Graduate

EED710. Seminar in Elementary Education . 3 Credits.
Analysis of recent research, innovations, and experimentation in the elementary curriculum and instruction. Students demonstrate reasonable mastery of an area of elementary education relevant to their selected area of concentration through research projects.
Restrictions:
• Must have the following level: Graduate

EED716. Science, Math, and Engineering for Young Children. 3 Credits.
Develop in children scientific and mathematical curiosity, awareness and skill in fundamental processes, concepts and operations. A variety of approaches, focusing on sensory experiences, to develop concepts in science, math and engineering. A study of developmental stages of children as they relate to concepts and skills aligned with state content standards and STEM education objectives.
Restrictions:
• Must have the following level: Graduate

EED718. Models of Teaching: A Repertoire of Teaching. 3 Credits.
Effective models of teaching for teachers to use in their classroom settings. Opportunities to apply model syntax and teaching strategies in multiple classroom instructional arrangements.
Restrictions:
• Must have the following level: Graduate

EED721. Assessment and Curriculum Planning Preschool and Elementary Grades . 3 Credits.
Consideration of current trends in assessment and classroom assessment practices that can be used in planning appropriate activities for students in the regular classroom.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Childhood Education (020A)

EED735. Workshop in Environmental/Outdoor Education and Mathematics. 3 Credits.
Teachers and administrators evaluate environmental education programs in schools and plan for children in the areas of social studies, science, mathematics, and physical health as they interrelate within an environmental education program. Opportunity to work cooperatively on environmental education programs using data analysis related to developmental curriculum and STEM education objectives.
Restrictions:
• Must have the following level: Graduate
### EED746. Workshop for the Remediation of Reading Difficulties . 3 Credits.

Working in a supervised laboratory setting, the student diagnoses, translates diagnostic results into a plan for remediation and carries out the plan within the time limitations of the course. The student develops competency in working with client and parent, in using specific remedial materials and techniques, and in reporting results.  

**Prerequisites:**  
- (EED 745 with a minimum grade of B)

**Restrictions:**  
- Must have the following level: Graduate  
- Must have the following field(s) of study (major, minor or concentration):  
  - Literacy Education: 5 - 12 (030B)  
  - Literacy Education: B - 6 (030A)  
  - Literacy Ed and Child Spec Ed (029A)  
  - Literacy Ed and Adol Spec Ed (029B)

### EED747. Clinical Practices in Reading. 3 Credits.

(Summer only) Under close supervision, student works intensively with one or more children with serious reading problems, diagnosing, establishing a remedial program, tutoring, and reporting results. Student works with the client to discover and monitor the strategies that will bring greater comprehension. Family support is an ongoing consideration. Seminar explores functions and organization of a reading clinic, professional organizations, professional ethics.  

**Prerequisites:**  
- (EED 746 with a minimum grade of B)

**Restrictions:**  
- Must have the following level: Graduate  
- Must have the following field(s) of study (major, minor or concentration):  
  - Literacy Education: 5 - 12 (030B)  
  - Literacy Education: B - 6 (030A)  
  - Literacy Ed and Child Spec Ed (029A)  
  - Literacy Ed and Adol Spec Ed (029B)

### EED748. Current Practices in Reading . 3 Credits.

Provides an in-depth study of current research trends in reading and their application in the classroom. Emphasis is placed on library research, the reading of research and professional journal articles, and teacher effectiveness in reading.  

**Restrictions:**  
- Must have the following level: Graduate  
- Must have the following field(s) of study (major, minor or concentration):  
  - Literacy Education: 5 - 12 (030B)  
  - Literacy Education: B - 6 (030A)  
  - Literacy Ed and Child Spec Ed (029A)  
  - Literacy Ed and Adol Spec Ed (029B)

### EED750. Developing Environmental/Outdoor Education Programs . 3 Credits.

Study of environmental and outdoor education programs, including planning, curriculum development, funding, administration and evaluation. Develop programs that teach the Learning Standards using the environment as context. Participation in field studies at the Mohonk Preserve and independent field trips to regional centers. (Footnote: Instruction takes place at the Mohonk Preserve Visitor Center. Ten days: 8 days in class from 9 am - 3:00 pm; 2 days independent field observations.)  

**Restrictions:**  
- Must have the following level: Graduate

### EED751. Internship in Environmental/Outdoor Education . 6 Credits.

Individualized contract in design, set-up, implementation and operation of an environmental education program for elementary children under direct guidance of a faculty advisor at an approved location.  

**Restrictions:**  
- Must have the following level: Graduate

### EED752. Theoretical Foundations of Reading and Writing. 3 Credits.

Explores current theories underlying the reading and writing process and the research on which they are based. Participants use research to develop their own theories of reading and writing. A proctoring fee for test taking may apply.  

**Restrictions:**  
- Must have the following level: Graduate  
- Must have the following field(s) of study (major, minor or concentration):  
  - Literacy Education: 5 - 12 (030B)  
  - Literacy Education: B - 6 (030A)

### EED753. Workshop in Understanding Literacy Difficulties. 3 Credits.

Following a developmental approach, literacy candidates will explore potential difficulties in the reading and writing acquisition process. Include in-depth analysis of the phonological, orthographic, and morphological structures of English.  

**Restrictions:**  
- Must have the following level: Graduate  
- Must have the following field(s) of study (major, minor or concentration):  
  - Literacy Education: 5 - 12 (030B)  
  - Literacy Education: B - 6 (030A)
EED754. Workshop in Diagnosing Literacy Difficulties. 3 Credits.
Clinically-rich course that prepares students to understand, select, develop, administer, and interpret a variety of literacy assessments, as well as use assessment information to plan and evaluate literacy instruction.
Prerequisites:
• EED 753 with a minimum grade of B
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Literacy Education: 5 - 12 (030B)
  • Literacy Education: B - 6 (030A)

EED755. Workshop in Intervention of Literacy Difficulties, B-6. 3 Credits.
Under supervision in a clinically-rich setting, each candidate assesses, designs an intervention plan, and adjusts instruction based on progress monitoring data for a child in grades K-6 with literacy difficulties.
Prerequisites:
• EED 754 with a minimum grade of B
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Literacy Education: B - 6 (030A)
  • Child Special Ed and Lit Ed (059C)
  • Literacy Ed and Child Spec Ed (029A)

EED756. Workshop in Intervention of Literacy Difficulties, 5-12. 3 Credits.
Under supervision in a clinically-rich setting, each candidate assesses, designs an intervention plan, and adjusts instruction based on progress monitoring data for a child in grades 5-12 with literacy difficulties.
Prerequisites:
• EED 754 with a minimum grade of B
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Adol Special Ed and Lit Ed (059G)
  • Literacy Education: 5 - 12 (030B)

EED757. Clinical Practices in Literacy Intervention, B-6. 3 Credits.
In this capstone course, candidates work in a clinically-rich setting assessing, designing, implementing, and adjusting as needed an intervention plan for students in grades B-6 to demonstrate mastery of program content. The course also provides information as mandated by NYS Education law in instruction students in fire and arson prevention, prevention alcohol, tobacco, and other drug abuse, and child abduction prevention.
Prerequisites:
• EED 755 with a minimum grade of B-
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Literacy Education: B - 6 (030A)
  • Child Special Ed and Lit Ed (059C)
  • Literacy Ed and Child Spec Ed (029A)

EED758. Clinical Practices in Literacy Intervention, 5-12. 3 Credits.
In this capstone course, candidates work in a clinically-rich setting assessing, designing, implementing, and adjusting as needed an intervention plan for students in grades 5-12 to demonstrate mastery of program content. The course also provides information as mandated by NYS Education law in instruction students in fire and arson prevention, prevention alcohol, tobacco, and other drug abuse, and child abduction prevention.
Prerequisites:
• EED 756 with a minimum grade of B
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Adol Special Ed and Lit Ed (059G)
  • Literacy Education: 5 - 12 (030B)

EED759. Workshop in Action Research for Literacy Leaders. 3 Credits.
Candidates develop a critical stance toward historically shared knowledge in literacy education. Candidates learn about the critical role of action research in professional learning communities and develop an action research project for their capstone clinical experience.
Prerequisites:
• EED 754 with a minimum grade of B
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Adol Special Ed and Lit Ed (059G)
  • Literacy Education: 5 - 12 (030B)
  • Child Special Ed and Lit Ed (059C)
  • Literacy Ed and Child Spec Ed (029A)
  • Literacy Education: B - 6 (030A)
EED760. Literacy Leadership and Coaching. 3 Credits.
Within this clinically-rich course, candidates study literacy leadership and adult learning. Practices include leading RTI/assessment meetings, analyzing literacy programs, coaching, responding to policy decisions, writing grants, planning professional development, and establishing learning communities.
Prerequisites:
- (EED 755 with a minimum grade of B or EED 756 with a minimum grade of B) and EED 759 with a minimum grade of B
Restrictions:
- Must have the following field(s) of study (major, minor or concentration):
  - Adol Special Ed and Lit Ed (059G)
  - Literacy Education: 5 - 12 (030B)
  - Child Special Ed and Lit Ed (059C)
  - Literacy Ed and Child Spec Ed (029A)
  - Literacy Education: B - 6 (030A)

EED771. Creativity in the Classroom . 3 Credits.
Analysis of research in identification, development and measurement of creativity. Instructional designs and teacher behavior in creative teaching. Creative problem-solving and creativity training.
Restrictions:
- Must have the following level: Graduate

EED793. Elementary Ed Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
- Must have the following level: Graduate

EED794. Fieldwork in Elementary Ed . 0 Credits.
Restrictions:
- Must have the following level: Graduate

EED795. Indep Study Elementary Ed. 3-12 Credits.
Restrictions:
- Must have the following level: Graduate

Engineering-Computer (EGC)

EGC593. Comp Eng Select Topics. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
- Must have the following level: Graduate

EGC595. Indep Study Comptr Engin. 0 Credits.
Restrictions:
- Must have the following level: Graduate

EGC795. Indep Study Comptr Engin. 0 Credits.
Restrictions:
- Must have the following level: Graduate

EGE505. Analytical Techniques I . 3 Credits.
Restrictions:
- Must have the following level: Graduate

EGE506. Analytical Techniques II . 3 Credits.
Restrictions:
- Must have the following level: Graduate

EGE511. Digital Data and Computer Communication . 3 Credits.
Restrictions:
- Must have the following level: Graduate

EGE512. Communication Systems. 3 Credits.
Signal analysis, signal transmission. Digital communication systems. Amplitude modulation; angle modulation.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): Electrical Engineering (265)

EGE513. Digital Signal Processing . 3 Credits.
Prerequisites:
- EGE 311 with a minimum grade of C-
Restrictions:
- Must have the following level: Graduate

EGE514. Advanced Communications. 3 Credits.
Prerequisites:
- EGE 312 with a minimum grade of C- or EGE 412 with a minimum grade of C-
Restrictions:
- Must have the following level: Graduate
EGE521. CMOS Analog Circuit Design. 3 Credits.
Analysis and optimized design of analog integrated circuits and systems in CMOS technology. Specific topics include MOS devices, device physics, basic CMOS analog circuit building blocks, single stage amplifiers, differential amplifiers, operational amplifiers, reference sources, distortions and controls, various circuit design techniques, options and trade-offs. Graduate Standing or Permission of the Instructor.
Restrictions:
• Must have the following level: Graduate

EGE522. Advanced Analog Circuits. 3 Credits.
Prerequisites:
• EGE 321 with a minimum grade of C-
Restrictions:
• Must have the following level: Graduate

EGE523. Wireless Communications. 3 Credits.
Overview of wireless systems, propagation characteristics of wireless channels, modems for wireless communications, cells and cellular traffic, fading and multiple access techniques.
Restrictions:
• Must have the following level: Graduate

EGE525. Microelectronic Fabrication. 3 Credits.
The physics and technology of various steps required to fabricate complicated integrated circuits are explained. The Si and GaAs materials will be covered. The course will cover microelectromechanical systems (MEMS) fabrication as well.
Restrictions:
• Must have the following level: Graduate

EGE527. Electronic Properties of Materials. 3 Credits.
Introduction to electronic properties of materials through the concepts of classical mechanics and quantum mechanics principles. Topics include fundamentals of quantum mechanics, Schrödinger wave equations, energy bands, free-electron energy, applications of electronic theory upon electrical, thermal, optical and magnetic properties of materials. Graduate Standing or Permission of the Instructor.

EGE532. Computer Arithmetic. 3 Credits.
Deals with algorithms and architectures used for computer arithmetic. Issues that will be addressed include: number systems and representation, redundant and residue systems. Addition/subtraction circuits. Multiplication, division, square root algorithms,CORDIC arithmetic system. Floating-point arithmetic systems. Implementation issues – pipelining, low-power, fault-tolerant designs.
Restrictions:
• Must have the following level: Graduate

EGE533. Introduction to Parallel Computing. 3 Credits.
Paradigms of parallel computer systems, memory system implementation, idealized versus practical parallel computer models, parallel algorithms, algorithmic complexity, survey of commercial parallel machines.
Restrictions:
• Must have the following level: Graduate

EGE534. Fault-Tolerant Design of Digital Systems. 3 Credits.
Restrictions:
• Must have the following level: Graduate

EGE535. Low Power VLSI Design. 3 Credits.
Deals with the design of digital systems for low power dissipation. Issues that will be addressed include CMOS power dissipation, analysis and design tools used for low power digital circuits, design methodologies for low power CMOS circuits, low power memory system designs and a discussion on future challenges in low power digital design. Builds on the VLSI design course previously covered by students in Electrical Engineering/Computer Engineering/Computer Science areas. Students are expected to have a background in circuit theory, electronics, digital logic fundamentals, and probability theory fundamentals. These courses are all covered under core courses in the undergraduate program.
Restrictions:
• Must have the following level: Graduate

EGE536. Computer Architecture. 3 Credits.
Computer architecture and hardware system organization are examined. Topics include performance issues, CPU organization and instruction set implementation, performance enhancement through pipelining, memory organizations, input/output structure, and an introduction to parallel architectures.
Prerequisites:
• EGC 330

EGE537. VLSI Design. 3 Credits.
Introduction to MOS devices and circuits (N-MOS and CMOS), MOS transistor theory, integrated circuit processing technology and design rules (N-MOS and CMOS), circuit characterization and performance estimation, logic design, interfacing, design tools, testability analysis, and discussion of chip design projects.
Prerequisites:
• (EGE 230 with a minimum grade of C- or EGE 220 with a minimum grade of C- and EGE 320 with a minimum grade of C-

EGE541. Transmission Line Theory. 3 Credits.
Analysis and design of short, medium and long transmission lines. Bundled conductors, skin effect, proximity effect and geometric mean distance. Ferranti effect. Standing waves and traveling waves.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Electrical Engineering (265)
EGE542. Numerical Methods in Engineering . 3 Credits.
Review of electromagnetic theory and analytical methods. Time domain and frequency domain finite difference methods. Moment methods application to radiation and scattering problems.
Restrictions:
• Must have the following level: Graduate

EGE543. Antennas and Wave Propagation . 3 Credits.
Wire antennas and arrays. Aperature antennas and arrays. Solutions of antennas by the moment method. Antenna synthesis and optimization.
Restrictions:
• Must have the following level: Graduate

EGE544. Microwave Circuits . 3 Credits.
Review of transmission lines, waveguides, impedance matching and scattering parameters. Microwave resonators, power dividers, directional couplers, and hybrids, microwave litters, microwave defectors, mixers, amplifiers, and oscillators.
Restrictions:
• Must have the following level: Graduate

EGE545. Satellite Communication . 3 Credits.
Restrictions:
• Must have the following level: Graduate

EGE548. Software Defined Networks. 3 Credits.
Broadband and Carrier Ethernet Networks and technologies. Role of SDN in defining architecture of the next generation of networks. Determination of conformance criteria for networks standards and protocols to support industry solutions and applications.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Electrical Engineering (265)

EGE550. Electromechanical Energy Conversion. 3 Credits.
Fundamentals of energy conversion including electric circuits and magnetic circuits. Ideal transformers will be introduced first, and real transformer construction and equivalent circuit will be presented. The equivalent circuit will be solved to determine the transformer efficiency and voltage regulation. Single phase and three phase induction machine construction, equivalent circuit and its analysis under load will be performed to determine motor load characteristics and efficiency. Single phase and three phase synchronous machine construction, excitation, and load characteristics will be studied in detail, and machine transient characteristics will be covered briefly.
Restrictions:
• Must have the following level: Graduate

EGE551. Real Time Systems. 3 Credits.
Practical experience of real-time operating systems (RTOS) and real-time debugging as applied to real-time embedded systems. Design and implementation of real-time embedded systems: controller, data storage, data acquisition, and communication using a commercially available RTOS.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Electrical Engineering (265)

EGE552. Electric power Systems. 3 Credits.
Energy courses, transmission line parameters, transmission lines modeling, power flow analysis, voltage frequency control, and power system protection.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Electrical Engineering (265)

EGE561. Adaptive Control . 3 Credits.
Prerequisites:
• EGE 317 with a minimum grade of C- or EGE 417 with a minimum grade of C-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Electrical Engineering (265)

EGE562. Optimal Control . 3 Credits.
Prerequisites:
• EGE 316 with a minimum grade of C- or EGE 416 with a minimum grade of C-
Restrictions:
• Must have the following level: Graduate

EGE564. Non-Linear Control . 3 Credits.
Prerequisites:
• EGE 316 with a minimum grade of C- or EGE 416 with a minimum grade of C-
Restrictions:
• Must have the following level: Graduate

EGE570. Fiber Optics. 3 Credits.
Restrictions:
• Must have the following level: Graduate

EGE572. Engineering Management. 3 Credits.
Prepares engineering students for a career in management. Through class discussions, group projects, role playing, and guest speakers, students find out what a management role will entail. Students learn how to go from being a practicing engineer to being an engineering manager.
EGE575. Heterostructure Devices. 3 Credits.
EGE580. Power Electronics. 3 Credits.
Restrictions:
• Must have the following level: Graduate

EGE590. Thesis in Electrical Engineering. 3-6 Credits.
Research, writing and defense of a thesis under the guidance of the major professor. Required form available in the Records and Registration Office. Required each semester after thesis research project is begun.
Restrictions:
• Must have the following level: Graduate

EGE593. Engineering Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

EGE594. Fieldwork Engineering. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

EGE595. Indep Study Elec Engineering. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

EGE599. Comprehensive Exam Workshop. 0 Credits.
Non-credit workshop for students who wish to devote the semester immediately following the completion of their coursework to prepare for the comprehensive exam.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Electrical Engineering (265)

EGE790. Thesis Engineering. 1-12 Credits.
EGE795. Indep Study Elec Engineering. 0 Credits.
Restrictions:
• Must have the following level: Graduate

EGE799. Continued Registration. 1 Credit.
Restrictions:
• Must have the following level: Graduate

Engineering-General (EGG)

EGG593. Engineering Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

EGG595. Indep Study General Engi. 0 Credits.
Restrictions:
• Must have the following level: Graduate

EGG795. Indep Study Generl Engin. 0 Credits.
Restrictions:
• Must have the following level: Graduate

English (ENG)

ENG501. Introduction to Old English. 3 Credits.
Old English as a language and readings in the original.
Restrictions:
• Must have the following level: Graduate

ENG504. English Literature of the Sixteenth Century. 3 Credits.
Selected prose and poetry of the English Renaissance, including works of such figures as Spenser, Sidney, Wyatt, Surrey, Nashe, Green, and Dekker.
Restrictions:
• Must have the following level: Graduate

ENG505. Shakespeare. 3 Credits.
An introductory survey of Shakespeare's works, with emphasis upon historical, cultural, and critical problems.
Restrictions:
• Must have the following level: Graduate

ENG506. English Drama through the Jacobean Period. 3 Credits.
Medieval drama and later playwrights such as Kyd, Marlowe, Jonson, Webster, Chapman, Beaumont, and Fletcher.
Restrictions:
• Must have the following level: Graduate

ENG507. English Literature of the Seventeenth Century. 3 Credits.
Leading English writers of poetry and prose in the seventeenth century, excluding Milton. Metaphysical and Cavalier poets and such prose authors as Browne, Burton, Bunyan, and Pepys.
Restrictions:
• Must have the following level: Graduate

ENG508. Milton. 3 Credits.
Milton's major poetical works and selected minor poems and prose works in relation to his time and seventeenth-century thought.
Restrictions:
• Must have the following level: Graduate

ENG515. Modern Theories of Writing Annual/Fall. 3 Credits.
A general introduction to developments in writing theory and instruction including such topics as the composing process, cognition and writing, invention and revision strategies, discourse theory, alternative approaches to teaching grammar and style. (Especially suitable for students planning to teach.)
Restrictions:
• Must have the following level: Graduate

ENG522. Modernity and Modernism in Britain. 3 Credits.
British novelists and poets of the first half of the twentieth century: Conrad, Joyce, Forster, Woolf, Lawrence, Yeats, Eliot, Graves, and others.
Restrictions:
• Must have the following level: Graduate
ENG524. Virginia Woolf. 3 Credits.
Virginia Woolf produced innovative, influential work in many genres: stories, novels, non-fiction, criticism, biography. We explore these and use her Diary to document her life as a writer.
Restrictions:
• Must have the following level: Graduate

ENG525. Postmodern Literature. 3 Credits.
Investigation of the emerging themes in prose and poetry since World War II.
Restrictions:
• Must have the following level: Graduate

ENG526. Twenty-First Century Literature. 3 Credits.
A study of primary American and British literature since the late 1990’s with attention to continuities with twentieth-century literature and innovations in form, genre, and theme.
Restrictions:
• Must have the following level: Graduate

ENG527. American Fiction in the Twentieth Century to 1945 Annual/Fall. 3 Credits.
Study of important American novelists, 1900-1945, including the work of major novelists such as Faulkner, Hemingway, Fitzgerald and Warren.
Restrictions:
• Must have the following level: Graduate

ENG528. American Poetry in the Twentieth Century to 1945. 3 Credits.
Reading of the principal American poets at home and abroad in the period up to 1945: Eliot, Frost, Cummings, Pound, and Auden, among others.
Restrictions:
• Must have the following level: Graduate

ENG531. Seminar in Creative Writing. 3 Credits.
Seminar in Creative Writing. Workshop in the techniques of writing fiction, poetry, or drama for proficient writers who wish to be published. Not applicable to the MS or MA degrees.
Restrictions:
• Must have the following level: Graduate

ENG532. Workshop in Fiction and Memoir. 3 Credits.
A graduate workshop where students share and critique original works of fiction and memoir in a constructive environment dedicated to the writing process. Students examine works by contemporary and classic authors and analyze vital craft techniques.
Restrictions:
• Must have the following level: Graduate

ENG533. Workshop in Poetry. 3 Credits.
A graduate poetry workshop considering traditions and trends animating contemporary poetry and consider strategies for constructing their own. Each poet will find a distinctive identity in terms of imagery, language, identity, and subject matter.
Restrictions:
• Must have the following level: Graduate

ENG544. Seminar in Teaching Creative Writing. 3 Credits.
A seminar on various pedagogical approaches to instruction in creative writing. We’ll discuss issues related to teaching, how to effectively edit and critique the work of students, and ways to lead an effective workshop.
Restrictions:
• Must have the following level: Graduate

ENG551. Academic Writing Seminar for MA Students in English. 1 Credit.
Introduces students to academic writing in English at the graduate level. Students will gain exposure to a variety of genres and perform academic writing with study of nuances of style, organization, citation, evidence, and transitions.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration): English (204)

ENG552. Advanced Research Methods for MA Students in English. 1 Credit.
An introduction to advanced methods and tools of research in the study of literature.
Restrictions:
• Must have the following level: Graduate

ENG553. Career Seminar for MA Students in English. 1 Credit.
Course provides instruction, workshops, and mentoring to help students identify possible career paths, explore professional opportunities, and prepare effective job search related materials such as resumes, cover letters, and online profiles.
Restrictions:
• Must have the following level: Graduate

ENG560. Forms of Autobiography. 3 Credits.
An introduction to classic and/or contemporary autobiographies. Discussion of principles of autobiographical writing; forms of the genre; and critical and theoretical perspectives. Topics and readings will vary from year to year.
Restrictions:
• Must have the following level: Graduate

ENG572. Studies in Middle English Literature. 3 Credits.
May be repeated for credit.
Restrictions:
• Must have the following level: Graduate

ENG573. Studies in Sixteenth-Century English Literature. 3 Credits.
Restrictions:
• Must have the following level: Graduate
ENG575. Studies in Seventeenth-Century English Literature . 3 Credits.
Restrictions:
• Must have the following level: Graduate

ENG576. Studies in Eighteenth-Century English Literature . 3 Credits.
Restrictions:
• Must have the following level: Graduate

ENG577. Studies in English Romanticism . 3 Credits.
Restrictions:
• Must have the following level: Graduate

ENG578. Studies in Victorian Literature . 3 Credits.
Restrictions:
• Must have the following level: Graduate

ENG579. Studies in Nineteenth-Century American Literature . 3 Credits.
Restrictions:
• Must have the following level: Graduate

ENG581. Studies in Twentieth-Century American Fiction to 1945 . 3 Credits.
Restrictions:
• Must have the following level: Graduate

ENG583. Studies in Twentieth-Century British Literature. 3 Credits.
Restrictions:
• Must have the following level: Graduate

ENG585. Studies in Contemporary Criticism and Theory. 3 Credits.
Restrictions:
• Must have the following level: Graduate

ENG586. Studies in Contemporary Literature. 3 Credits.
Restrictions:
• Must have the following level: Graduate

ENG588. Studies in Comparative Literature . 3 Credits.
Restrictions:
• Must have the following level: Graduate

ENG589. From Gutenberg to Google Books: Studies in Books, Readers, and Culture. 3 Credits.
Critical examination of book publishing, reading, and the cultural effects of this combination from Gutenberg to the present: emphasis on analytic bibliography, book history into the digital age, literacy, and the spread of ideas through publishing.
Restrictions:
• Must have the following level: Graduate

ENG590. Thesis in English . 3 Credits.
Writing of a substantial essay under the guidance of a faculty advisor. (Arrangements must be made well in advance of the semester in which the thesis is to be written.)
Restrictions:
• Must have the following level: Graduate

ENG593. English Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

ENG594. Fieldwork in English . 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

ENG595. Indep Study English . 1-12 Credits.
Directed study under the guidance of a faculty advisor. (Arrangements must be made well in advance of the semester in which the study is to be undertaken.)
Restrictions:
• Must have the following level: Graduate

ENG599. Graduate Comprehensive Exam Registration. 0 Credits.
Non-credit workshop for students who wish to devote the semester immediately following the completion of their coursework to prepare for the comprehensive exam.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): English (204)

ENG799. Continued Registration. 1 Credit.
Restrictions:
• Must have the following level: Graduate

Environmental Science (ENS)
ENS593. Envr Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

ENS595. Indep Study Envr . 0 Credits.
Restrictions:
• Must have the following level: Graduate

Evolutionary Studies (EVO)
EVO595. Evolutionary Independent Studi. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

French (FRN)
FRN501. Intensive Practice in French I . 3 Credits.
Advanced study and practice in spoken and written French. Variants of style, and selected problems in vocabulary and syntax. Conducted in French. 46501 and 46502 may be taken separately and in either sequence.
Restrictions:
• Must have the following level: Graduate
FRN502. Intn Prac French 2 . 3 Credits.
Advanced study and practice in spoken and written French. Variants of style, and selected problems in vocabulary and syntax. Conducted in French.
Restrictions:
  • Must have the following level: Graduate

FRN503. Explication de Texte . 3 Credits.
Analytic study of literature. Exercises in the interpretation of selected texts.
Restrictions:
  • Must have the following level: Graduate

FRN505. Seminar in Modern French Literature . 3 Credits.
Intensive study of a topic, genre, or author of the contemporary period to be announced. Conducted in French.
Restrictions:
  • Must have the following level: Graduate

FRN507. Nineteenth-Century French Literature I . 3 Credits.
Intensive study of a topic, genre, or author of the period. Conducted in French.
Restrictions:
  • Must have the following level: Graduate

FRN509. Eighteenth-Century French Literature I . 3 Credits.
Intensive study of a topic, genre, or author of the period. Conducted in French.
Restrictions:
  • Must have the following level: Graduate

FRN511. Seventeenth-Century French Literature I . 3 Credits.
Intensive study of a topic, genre, or author of the period. Conducted in French.
Restrictions:
  • Must have the following level: Graduate

FRN593. French Selected Topic. 1-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
  • Must have the following level: Graduate

FRN594. Fieldwork in French . 0 Credits.
Restrictions:
  • Must have the following level: Graduate

FRN595. Indep Study French. 1-12 Credits.
Restrictions:
  • Must have the following level: Graduate

Geography (GEO)

GE0501. Geography for Teachers. 3 Credits.
Basic concepts about the physical environment and the geographic relationships between the Earth and its human occupants. The National Geography Standards are used in this course to facilitate the implementation of geography in the K-12 curriculum.
Restrictions:
  • Must have the following level: Graduate

GE0506. Contemporary China Alternate year/Spring . 3 Credits.
Examination and analysis of the recent transformation of China’s landscape, emphasizing physical, economic, and social changes.
Restrictions:
  • Must have the following level: Graduate

GE0526. Urban Planning. 3 Credits.
An introduction to the history, theory and practice of Urban Planning in the United States. This course includes current issues in land use, natural resources, housing, zoning, transportation and innovative planning techniques. Field research encouraged.
Restrictions:
  • Must have the following level: Graduate

GE0541. Geography of American Cities and Suburbs . 3 Credits.
Among the most dramatic, controversial, and significant trends in the human geography of the United States has been the decline of the central city and expansion of suburbs. The causes and consequences of these trends and some proposed remedies to alleviate those aspects perceived to be detrimental.
Restrictions:
  • Must have the following level: Graduate

GE0551. Environmental Conservation Alternate year/Fall . 3 Credits.
Comparative analysis of the distribution, use, and interrelationships of the natural resources of the world. Efforts at conservation and public policies adopted in various nations are studied.
Restrictions:
  • Must have the following level: Graduate

GE0593. Geography Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
  • Must have the following level: Graduate

GE0594. Fieldwork In Geography. 0 Credits.
Restrictions:
  • Must have the following level: Graduate

GE0595. Indep Study Geography. 3-12 Credits.
Restrictions:
  • Must have the following level: Graduate
GE0693. Geography Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

Geology (GLG)

GLG501. Economic Geology . 4 Credits.
Practical applications of geology. Origin and occurrence of metallic and non-metallic mineral resources such as oil, coal, and uranium and their importance in the world’s economy as “one-crop” deposits. Conservation of such valuable natural resources as oil and water. Field trips.
Prerequisites:
• GLG 311 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

GLG502. Advanced Geomorphology. 4 Credits.
Fluvial, glacial, volcanic, eolian, and solutional land forms and their interpretation. Relationships of climate, weathering, mass wasting, soil development, rock types, and ground water to landscape. Geologic and geomorphic interpretation of topographic maps.
Prerequisites:
• GLG 338 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

GLG504. Geochemistry . 4 Credits.
Geochemical knowledge and methods of geochemical research. Geochemistry of the lithosphere. Distribution and mobility of the elements in the earth, their relative abundance, migration, and mode of occurrence, and the geochemical structure of the earth. Detailed study of the applications of the principles of physical chemistry to selected geochemical problems.
Prerequisites:
• GLG 314 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

GLG505. Tectonics . 3 Credits.
Origin and characteristics of the major structures of the earth’s crust. Emphasis on plate tectonic theory, including the geometry and kinematics of plate motions, and the structural evolution of mountain belts, rifts, transient fault zones and other regions of crustal deformation.
Prerequisites:
• GLG 338 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

GLG507. Introduction to Hydrogeology . 4 Credits.
Hydrologic cycle, occurrence and movement of ground water, aquifer analysis and ground water hydrology. Water quality and pollution measurement and abatement. Nature of water supplies, ground water exploration, and conservation of ground water.
Prerequisites:
• GLG 220 with a minimum grade of D- and PHY 201 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

GLG509. Water Resources Management. 3 Credits.
Water use, problems of water supply, water resource management, water quality (present and potential pollution problems and solutions), and water conflicts around the world.
Restrictions:
• Must have the following level: Graduate

GLG519. Geophysics . 3 Credits.
Introduction to concepts of geophysics and methods used to study earth; its internal structure. Earth temperatures, seismic waves, gravity, isostasy, and magnetism. Phenomena such as earthquakes, continental drift, sea floor spreading, and mountain building considered.
Prerequisites:
• GLG 338 with a minimum grade of D- and MAT 252 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

GLG533. Analysis of Soils and Sediments . 3 Credits.
Prerequisites:
• GLG 311 with a minimum grade of D- and GLG 331 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

GLG535. Sedimentation . 4 Credits.
Prerequisites:
• GLG 311 with a minimum grade of D- or GLG 331 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
GLG541. Geology and Geophysics of Petroleum . 4 Credits.
Origin of petroleum and its mode of occurrence in Earth and the stratigraphic and structural problems involved in the accumulation of petroleum. Principles used in geophysical exploration by the gravitational, magnetic, electric, seismic and radioactive methods.
Prerequisites:
• GLG 338 with a minimum grade of D- and PHY 202 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

GLG543. Principles of Sedimentary Petrology . 3 Credits.
Petrology and classification of sedimentary rocks. Factors governing sediment dispersal, lithification and diagenesis. Mineralogy and texture of terrigenous clastic sediments as a reflection of possible source terrains. Carbonate petrology and petrography; consideration of limestone and dolostone textures as environmental indicators.
Prerequisites:
• GLG 331 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

GLG545. Advanced Igneous and Metamorphic Petrology . 4 Credits.
Origin, classification, distribution and association of igneous and metamorphic rocks. Introduction to the use of microcomputers in petrology. Individual projects emphasizing advanced studies of rocks in thin section and/or computer analysis of petrogenesis.
Prerequisites:
• GLG 314 with a minimum grade of D- and CHE 202 with a minimum grade of D- and PHY 201 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

GLG575. Geology for Teachers . 3 Credits.
Development of life on earth and geological processes that have shaped its surface: glaciation, erosion, mountain building; earth movements and volcanism. Study of minerals, rocks and a few common fossils. One or two field trips to inspect local geological features. Not open to students seeking a graduate degree in geology or earth science, or those who have taken GLG220 or equivalent.
Restrictions:
• Must have the following level: Graduate

GLG578. Geology of New York State . 3 Credits.
Principles, methods and knowledge from the science of geology pertinent to a study of the geologic history of the eastern United States. Emphasis on the development of New York State geology. Evolution of life as shown by the fossil record. Field trips. Not open to students seeking a graduate degree in geology or earth science.
Prerequisites:
• GLG 220 with a minimum grade of D- and GLG 575 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

GLG581. Regional Geology (1-3) . 1-12 Credits.
Geology of selected areas of North America. Readings and discussions of the detailed tectonic and petrological evolution of selected classical geological areas. Field excursions to type areas. May be repeated for credit provided listed topic changes.
Restrictions:
• Must have the following level: Graduate

GLG583. Computer Applications in Geology . 3 Credits.
Use of computers in the geological sciences. Use of drafting, graphing, contouring, and other software. Basic theory of contouring, curve and surface fitting, least squares methods, data analysis, matrix manipulation, and equation solving.
Prerequisites:
• Math Placement Level with a score of 5 or MAT 181 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

GLG585. Geology Seminar . 3 Credits.
An integrated consideration of some current problems selected from the various branches of geology. Critical reading and evaluation of primary source materials.
Restrictions:
• Must have the following level: Graduate

GLG590. Thesis in Geology (1-3) . 0 Credits.
Research, writing and defense of a thesis under the guidance of the major professor. Required form available in the Records and Registration Office. Required each semester after thesis research project is begun.
Restrictions:
• Must have the following level: Graduate

GLG593. Geological Selected Topics. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

GLG594. Fieldwork In Geology. 0 Credits.
Restrictions:
• Must have the following level: Graduate

GLG595. Indep Study Geology. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

GLG599. Comprehensive Exam Workshop. 0 Credits.
Non-credit workshop for students who wish to devote the semester immediately following the completion of their coursework to prepare for the comprehensive exam.
Restrictions:
• Must have the following level: Graduate

• Must have the following field(s) of study (major, minor or concentration): Geology (205)
GLG693. Geological Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

GLG795. Indep Study Geology. 0 Credits.
Restrictions:
• Must have the following level: Graduate

GLG799. Continued Registration. 1 Credit.
Restrictions:
• Must have the following level: Graduate

German (GER)

GER593. German Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

GER594. Fieldwork In German. 0 Credits.
Restrictions:
• Must have the following level: Graduate

GER595. Indep Study German. 0 Credits.
Restrictions:
• Must have the following level: Graduate

Hebrew (HEB)

HEB593. Hebrew Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

History (HIS)

HIS506. Medieval Society . 3 Credits.
Medieval life and institutions, especially in the twelfth and thirteenth centuries.
Prerequisites:
• HIS 207 with a minimum grade of D- or HIS 346 with a minimum grade of D- or HIS 348 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

HIS521. Interpretations of American History . 3 Credits.
Selected problems in American history studied as reflections of different historical interpretations; emphasis on the most recent scholarly developments. Of special interest to teachers of American history.
Restrictions:
• Must have the following level: Graduate

HIS522. Colonial America . 3 Credits.
Topics in the history of colonial America.
Restrictions:
• Must have the following level: Graduate

HIS523. The American Revolution . 3 Credits.
Selected problems in the Revolutionary period; special attention to causes and nature of the American Revolution.
Restrictions:
• Must have the following level: Graduate

HIS527. Recent American History . 3 Credits.
Selected problems in United States history from 1890 to the present. Topics selected from a broad range of possible areas of concentration, including social, intellectual, diplomatic, economic, and political issues.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed: Social Studies (445)
  • History (532)
  • Adolescence Ed: Social Studies (109A)

HIS529. Studies in American Social History: 1880 to Present . 3 Credits.
Selected topics in the history of American society from 1880 to present, emphasis on newer methodologies of social history. Themes: urbanization, industrialization, immigration, ideas in their social context, and changing cultural values as expressed in literature, education, religion and the fine and performing arts.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • History (532)
  • Adolescence Ed: Social Studies (109A)
  • Adolescence Ed: Social Studies (109B)
  • Adolescence Ed: Social Studies (445)

HIS534. Modern Europe Social Hst . 3 Credits.
Examines the social lives and experiences of Europeans from the sixteenth to the nineteenth century. Traces the dramatic change from the rural, agricultural societies of the early modern period to the urban, industrialized nations of the nineteenth century and the effect of this shift on ordinary men and women.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • History (532)
  • Adolescence Ed: Social Studies (109B)
  • Adolescence Ed: Social Studies (445)
  • Adolescence Ed: Social Studies (040B)
HIS545. The Middle East and The West . 3 Credits.
A study of the history, and historiography, of the political, economic and cultural contacts and interactions between societies of the Middle East and the West from the 18th century to the present.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • History (532)
  • Adolescence Ed: Social Studies (445)

HIS549. World War II . 3 Credits.
Surveys the war from 1939 to 1945 as a phase of global history. Emphasis on relating diplomatic and military history to world-wide social, economic, scientific and political changes.
Restrictions:
• Must have the following level: Graduate

HIS550. America and Vietnam . 3 Credits.
The origins, nature and consequences of America’s involvement in Vietnam, the most important and traumatic episode in recent U.S. foreign policy.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed: Social Studies (109A)
  • History (532)
  • Adolescence Ed: Social Studies (040)

HIS557. Global History . 3 Credits.
An advanced introduction to the study of the interconnections among major civilizations of the world, beginning with pre-history; focuses on global history since 1500.
Restrictions:
• Must have the following level: Graduate

HIS562. American Indians . 3 Credits.
A history of selected Native American nations north of Mexico. Among the nations treated will be the Six Nations of the Iroquois Confederacy, Navajos, Delawares, Cherokees, Menominees, and Sioux.
Prerequisites:
• HIS 221 with a minimum grade of D- and HIS 222 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • History (532)
  • Adolescence Ed: Social Studies (445)

HIS575. American Immigration . 3 Credits.
An analysis of patterns of American immigration from the colonial era to the present. Traces old-world sources and examines similarities and differences in ethnic group behavior.
Restrictions:
• Must have the following level: Graduate

HIS593. History Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

HIS594. Fieldwork in History . 0 Credits.
Restrictions:
• Must have the following level: Graduate

HIS595. Indep Study History. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

HIS693. History Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

HIST795. Indep Study Hst . 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

Interdisciplinary (INT)

INT520. Related Arts 2. 3 Credits.
Restrictions:
• Must have the following level: Graduate

INT593. ID Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

INT594. Fieldwork In Interdisciplinary. 0 Credits.
Restrictions:
• Must have the following level: Graduate

INT595. Indep Study Interdisciplinary. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

INT693. ID Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

INT795. Indep Study Interdisciplinary. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate
INT798. Principals of Research. 3 Credits.
Students will read, discuss, debate and write about educational research and its intersection with teaching. Participants will design their own research project with the approval and support of the professor.
Restrictions:
• Must have the following level: Graduate

Italian (ITA)

ITA593. Italian Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

ITA595. Independent Study - Italian. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

ITA795. Indep Study Italian. 0 Credits.
Restrictions:
• Must have the following level: Graduate

Japanese (JPN)

JPN593. Japanese Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

JPN595. Indep Study Japanese. 0 Credits.
Restrictions:
• Must have the following level: Graduate

JPN795. Indep Study Japanese. 0 Credits.
Restrictions:
• Must have the following level: Graduate

Jewish Studies (JST)

JST593. Jewish Studies Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

Latin Amer & Caribbean Studies (LAM)

LAM567. Approach Spn Amer Cultur. 3 Credits.
The cultural contents of language, arts, and the ways of life in Latin-American countries.

LAM595. Indep Study Latin Americ. 0 Credits.
Restrictions:
• Must have the following level: Graduate

Linguistics (LIN)

LIN593. Linguistic Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

LIN594. Fieldwork in Linguistics . 0 Credits.
Restrictions:
• Must have the following level: Graduate

LIN595. Indep Study Linguistics. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

LIN795. Indep Study Linguistics. 0 Credits.
Restrictions:
• Must have the following level: Graduate

Mathematics (MAT)

MAT500. Combinatorics and Graph Theory . 3 Credits.
Combinatorial and graphical techniques for complexity analysis, generating functions, recurrence relations, Polya's Theory of Counting, graph theory, NP-complete problems.
Restrictions:
• Must have the following level: Graduate

MAT510. Geometry for Elementary and Middle School Teachers . 3 Credits.
This course provides a geometric experience which clarifies, extends, and unifies geometric topics in Euclidean, analytic, transformational, and projective geometries. This course is open only to students doing graduate course work in elementary or middle school education in the School of Education.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed: Mathematics (107A)
  • Mathematics (206)
  • Adolescence Ed: Mathematics (037A)
MAT511. Theory of Groups . 3 Credits.
First course in algebraic structures. Basic set theory and number theory. Axioms of groups. Homomorphisms, isomorphisms, and quotient groups. For MS in Education degree students only. Not open to undergraduates. Students must complete 21 credits beyond Calculus 2 with a C- or better before taking this course.
Prerequisites:
• MAT 252 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Mathematics (206)

MAT512. Real and Complex Number Systems . 3 Credits.
Survey and development of number systems from the natural numbers to the complex numbers. Basic theory and properties. Applications to high school mathematics. For MS in Education degree students only. Not open to undergraduates. Students must complete 21 credits beyond Calculus 2 with a C- or better before taking this course.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Mathematics (206)

MAT513. The Joys of Geometry . 3 Credits.
Topics in modern geometry such as finite geometries, transformations, non-Euclidean and projective geometries, Mascheroni constructions. Axiomatic approach is often used. Proofs constitute an important part of the course. For MS in Education degree students only. Not open to undergraduates.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Mathematics (206)

MAT514. Linear Algebra with Applications to Geometry . 3 Credits.
Matrices, linear transformations, and quadratic forms. Solutions of linear systems. Applications to analytic geometry of 2, 3, or n dimensions. For MS in Education degree students only. Not open to undergraduates. Students must complete 21 credits beyond Calculus 2 with a C- or better before taking this course.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Mathematics (206)

MAT517. History of Mathematics . 3 Credits.
Topics in mathematics from a historical perspective. The course may be a survey of the history of mathematics or it may concentrate on a few specific topics. In either case, students are required to solve problems and to prove theorems. Recommended for MS in Education degree students. Students must complete 21 credits beyond Calculus 2 with a C- or better before taking this course.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Mathematics (206)

MAT518. Theory of Rings and Fields . 3 Credits.
Rings, Fields and their extensions. Introduction to Galois Theory. Solutions of equations by radicals. For MS in Education degree students only. Not open to undergraduates.
Prerequisites:
• MAT 511 with a minimum grade of C-
Restrictions:
• Must have the following level: Graduate

MAT519. Sequences, Series, and Their Applications . 3 Credits.
Sequences of real and complex numbers. Convergence criteria, series, uniform convergence, definition of functions by series and Taylor’s theorem. For MS in Education degree students only. Not open to undergraduates. Students must complete 21 credits beyond Calculus 2 with a C- or better before taking this course.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Mathematics (206)

MAT520. Statistics for Elementary/Middle School Teachers . 3 Credits.
Liberal arts course in basic statistical ideas and their application to public policy and education. Emphasis on statistical reasoning and numerical arguments. Focus on drawing conclusions from data taken from diverse settings and contexts.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Mathematics (206)

MAT531. Point Set Topology I . 3 Credits.
Part of a two-semester sequence covering the fundamental theorems of geometric topology in abstract topological and metric spaces.
Restrictions:
• Must have the following level: Graduate

MAT532. Point Set Topology II . 3 Credits.
Part of a two-semester sequence covering the fundamental theorems of geometric topology in abstract topological and metric spaces.
Restrictions:
• Must have the following level: Graduate
MAT541. Complex Analysis I . 3 Credits.
Provides a foundation for advanced work in analysis. Differentiation, Cauchy-Riemann Equations, elementary functions, conformal mapping, expansions, and analytic continuation.
Restrictions:
• Must have the following level: Graduate

MAT543. Real Analysis I . 3 Credits.
Part of a two-semester sequence covering the following topics: The real number system, topology of Rn, measure theory, and the Lebesque integral. Convergence theorems, differentiation, and Lebesque decompositions. Fubini's theorem, Radon-Nikodym theorem, and other advanced topics.
Restrictions:
• Must have the following level: Graduate

MAT544. Real Analysis II . 3 Credits.
Part of a two-semester sequence covering the following topics: The real number system, topology of Rn, measure theory, and the Lebesque integral. Convergence theorems, differentiation, and Lebesque decompositions. Fubini's theorem, Radon-Nikodym theorem, and other advanced topics.
Prerequisites:
• MAT 543 with a minimum grade of C-
Restrictions:
• Must have the following level: Graduate

MAT561. Abstract Algebra I . 3 Credits.
Part of a two-semester sequence covering the following topics: Groups, rings, integral domains, fields, modules, and vector spaces.
Restrictions:
• Must have the following level: Graduate

MAT562. Abstract Algebra II . 3 Credits.
Part of a two-semester sequence covering the following topics: Groups, rings, integral domains, fields, modules, and vector spaces.
Prerequisites:
• MAT 561 with a minimum grade of C-
Restrictions:
• Must have the following level: Graduate

MAT563. Topics in Algebra I . 3 Credits.
Topics chosen by the instructor, may include structure theory of Abelian groups, commutative rings and finite fields, lattice theory, universal algebra. Students must complete 21 credits beyond Calculus 2 with a C- or better before taking this course.
Restrictions:
• Must have the following level: Graduate

MAT590. Thesis in Mathematics . 1-12 Credits.
Writing and preparation of an expository or original thesis under the guidance of graduate faculty. Required form available in the Records and Registration Office.
Restrictions:
• Must have the following level: Graduate

MAT593. Math Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

MAT594. Fieldwork in Math . 0 Credits.
Restrictions:
• Must have the following level: Graduate

MAT595. Indep Study Math. 1-3 Credits.
Restrictions:
• Must have the following level: Graduate

MAT599. Comprehensive Exam Workshop. 0 Credits.
Non-credit workshop for students who wish to devote the semester immediately following the completion of their coursework to prepare for the comprehensive exam.
Restrictions:
• Must have the following level: Graduate

MAT795. Indep Study Math. 1-6 Credits.
Restrictions:
• Must have the following level: Graduate

MAT799. Continued Registration. 1 Credit.
Restrictions:
• Must have the following level: Graduate

Music (MUS)

MUS521. Applied Music: Piano . 3 Credits.
Individual weekly lessons in piano. Lessons adapted to the needs of the student. A total of 15 hours of private instruction per semester will be given. Offered every semester.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS522. Applied Music: Voice. 3 Credits.
Individual weekly lessons in voice. Lessons adapted to the needs of the student. A total of 15 hours of private instruction per student will be given. Offered every semester.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS523. Applied Music: Misc. 3 Credits.
Individual weekly lessons in a classical or jazz instrument. Lessons adapted to the needs of the student. A total of 15 hours of private instruction per semester will be given. Offered every semester.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)
MUS540. Foundations of Music Therapy . 3 Credits.
This course examines varied clinical theories in music therapy service delivery and procedures related to these theories. Students develop musical programming, assessment and treatment plans for clients with varied needs.
Prerequisites:
• (MUS 240 with a minimum grade of B- and (MUS 340 with a minimum grade of B-

Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS541. Repertoire in Therapy . 3 Credits.
Focuses on the music therapist's development of approaches to new repertoire for personal growth as a musician-therapist in order to better serve clients with diverse musical preferences and needs. Students develop personal philosophical statements relative to ongoing musical learning and prepare varied pieces for performance.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS542. Music in Counseling . 3 Credits.
A graduate level course for Music Therapists and Music Therapy majors designed to learn and practice verbal processing within the Music Therapy context. In addition, students will learn creative music therapy strategies in working with psychiatric clients and will develop a working knowledge of group dynamics.
Prerequisites:
• COU 540 (may be taken concurrently) with a minimum grade of B-

Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS543. Music Therapy for Older Adults. 3 Credits.
A graduate level course for Music Therapists and Music Therapy majors. Clinical needs of the elderly will be explored, including the needs of the well elderly based on the research literature. Music Therapy techniques will be practiced, and students will expand their repertoire in working with clients.
Prerequisites:
• (MUS 240 with a minimum grade of B- and (MUS 340 with a minimum grade of B-

Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS544. Medical Music Therapy Assessment and Treatment . 3 Credits.
Focuses on the common and diverse needs of clients in acute care and rehabilitation medical settings. Assessment and treatment goals and procedures for patients who are verbal or non-verbal will be presented. Students develop music therapy protocols to reduce anxiety indicators and increase desired behaviors by unit.
Prerequisites:
• (MUS 240 with a minimum grade of B- and (MUS 340 with a minimum grade of B-

Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS545. Music Therapy in Special Education . 3 Credits.
Provides an overview of issues and practices in special education service delivery for music therapists. Course content includes: national and state educational policy directives, learning standards-based curricular development and clinical techniques for working in diverse settings with students with special needs in terms of assessment and treatment strategies.
Prerequisites:
• (MUS 240 with a minimum grade of B- and (MUS 340 with a minimum grade of B-

Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS546. Improvisation for Therapy . 3 Credits.
Varied improvisational styles and techniques are presented. Students demonstrate improvisational skills in terms of melody, harmony and rhythm. Techniques include pentatonic, rhythmic, and harmonic improvisation on voice, drums, guitar and piano.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS547. Advanced Guitar for Therapists and Educators . 3 Credits.
This course will provide students with advanced guitar skills such as movable chords, jazz chords, lead guitar parts, and various accompaniment patterns unique to given styles and artists.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)
MUS548. Music Therapy Ensemble . 2 Credits.
This course provides students the opportunity to play and lead pre-
composed and improvised musical activities in a variety of styles within
a group context. Focus will be directed on leading clients with varying
musical abilities, assigning instruments and the parts to be played
according to the clinical needs of clients, and the synthesis of jazz, pop
and pentatonic improvisation techniques into ensembles.
Prerequisites:
- MUS 546 with a minimum grade of B-

Restrictions:
- Must have the following field(s) of study (major, minor or
  concentration): Music Therapy (285)

MUS549. Creative Arts Therapies with Autism Spectrum
Disorder. 3 Credits.
A survey of the theory and practice of the New York State licensed
creative arts therapies; art therapy, music therapy, dance & movement
therapy, poetry therapy, and drama therapy, as specifically applied to
clients with ASD.
Restrictions:
- Must have the following level: Graduate

MUS593. Music Selected Topic. 12 Credits.
Selected topics courses are regularly scheduled courses that focus on
a particular topic of interest. Descriptions are printed in the Schedule
of Classes each semester. Selected topics courses may be used as
elective credit and may be repeated for credit, provided that the topic of
the course changes.
Restrictions:
- Must have the following level: Graduate

MUS594. Fieldwork in Music . 1-12 Credits.
Restrictions:
- Must have the following level: Graduate

MUS595. Indep Study Music. 1-12 Credits.
Restrictions:
- Must have the following level: Graduate

MUS742. Music Therapy Research and Program
Evaluation . 3 Credits.
Students examine major research styles including quantitative,
qualitative, and historical in order to develop a thesis proposal. Issues in
program evaluation are discussed and models examined.
Prerequisites:
- (MUS 240 with a minimum grade of B- and (MUS 340 with a minimum
  grade of B-

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or
  concentration): Music Therapy (285)

MUS743. Fieldwork 1. 2 Credits.
Supervised continuing clinical experiences of work with groups and
individuals at University - affiliated sites. Weekly faculty-directed seminar
covers critical issues pertaining to assessment, treatment and evaluation
of music therapy.
Prerequisites:
- (MUS 240 with a minimum grade of B- and (MUS 340 with a minimum
  grade of B- and (MUS 480 with a minimum grade of B-

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or
  concentration): Music Therapy (285)

MUS744. Fieldwork 2. 2 Credits.
Supervised continuing clinical experiences of work with groups and
individuals at University - affiliated sites. Weekly faculty-directed seminar
covers critical issues pertaining to assessment, treatment and evaluation
of music therapy.
Prerequisites:
- MUS 743 with a minimum grade of B-

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or
  concentration): Music Therapy (285)

MUS745. Music Therapy Internship I . 3 Credits.
Students will be placed in community settings such as local hospitals,
schools, and rehabilitation programs to provide opportunities to practice
advanced music therapy techniques with clients under the supervision of
a Board Certified Music Therapist. Students must complete at least 125
hours of clinical practice.
Prerequisites:
- MUS 744 with a minimum grade of B-

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or
  concentration): Music Therapy (285)

MUS746. Music Therapy Internship II . 3 Credits.
This second semester course in the music therapy internship sequence
places students in clinical settings such as hospitals, schools, and
rehabilitation programs providing opportunities that expand the range
of experiences resulting from working with a variety of populations and
professionals who provide services to them. In addition to clinical work
at their respective sites, students participate in a bi-weekly internship
seminar held by their supervising academic instructors in which students
engage in discussion about music therapy and clinical matters as well
as present their clinical work and receive feedback from peers and
supervising instructors.
Prerequisites:
- MUS 745 with a minimum grade of B-

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or
  concentration): Music Therapy (285)
MUS748. Thesis Seminar . 1 Credit.
Provides students with a forum to discuss issues related to the conducting of a thesis project. Topics covered will include legal issues and institutional policies regarding the conducting of research on human subjects.
Prerequisites:
• MUS 742 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS749. Thesis . 2 Credits.
This is a requirement of all graduate music therapy students. Theses may be conducted in a research project (i.e., evaluating the effects of music therapy on various client needs or outcomes), in a format to guide clinical practice (i.e., a manual of clinical interventions for an identified population), or as a program development project (i.e., creating a new music therapy program within the community).
Prerequisites:
• MUS 742 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Music Therapy (285)

MUS793. Music Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

MUS794. Fieldwork in Music. 1-12 Credits.

MUS795. Indep Study Music. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

MUS799. Continued Registration. 6 Credits.
Restrictions:
• Must have the following level: Graduate

Physics (PHY)

PHY593. Physics Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Psychological Science (210)
  • Psychology (208)

PHY594. Fieldwork in Physics . 0 Credits.
Restrictions:
• Must have the following level: Graduate

Political Science (POL)

POL532. The American Presidency . 3 Credits.
The role of the federal executive in the American constitutional system, the sources of his power, and the organization of the Executive Office.
Restrictions:
• Must have the following level: Graduate

POL533. Government and Politics of China . 3 Credits.
Study of the thought and political-military strategies of Mao Tse-tung, the Communist Party, the government, mass organizations, and other means of control and mobilization of the People's Republic of China.
Restrictions:
• Must have the following level: Graduate

POL593. Political Science Select Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

Psychology (PSY)

PSY500. Research Practicum. 1 Credit.
Forum for exploration, development, and refinement of students' research projects. Focuses on presentations and discussions related to students' personal research interests. Development, execution, and presentation of research emphasized.
Restrictions:
• Must have the following level: Graduate
PSY501. Analysis of Variance. 3 Credits.
An examination of various ANOVA models and their applications (including SPSS usage) for between and within-subjects designs, such as one-factor and factorial ANOVA, and analysis of covariance. Assumptions, effect size, and power will be discussed.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Mental Health Counseling (290)
  - Psychology (208)
  - Psychological Science (210)

PSY503. Correlation & Multiple Regress. 3 Credits.
Introduction to analysis techniques within the multiple regression family of inferential statistics. Topics include bivariate, semi-partial and partial correlation, mediators and moderators, and regression approaches for interactions, curvilinear relationships and categorical and dichotomous data.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Mental Health Counseling (290)
  - Psychology (208)
  - Psychological Science (210)

PSY506. Multicultural Psychology. 3 Credits.
Multicultural psychology from social, developmental, organizational and interpersonal perspectives. Sociopolitical history of different cultural groups, social shaping of cultural experience, cultural identity development, cross-cultural counseling, and the development of multicultural sensitivity and competence. Psychological research and practice implications of multicultural theory and philosophy.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Psychological Science (210)
  - Mental Health Counseling (290)
  - Psychology (208)

PSY507. Research Methods in Psychology. 3 Credits.
Principles of research design in psychology, including field studies, randomized experiments, and quasi-experimental designs. Discussion of moral and ethical problems encountered in conducting animal and human research. Each student designs a research project.
Prerequisites:
- PSY 551 with a minimum grade of D- or PSY 501 with a minimum grade of D- or PSY 503 with a minimum grade of D-
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Mental Health Counseling (290)
  - Psychology (208)
  - Psychological Science (210)

PSY511. Research Methods I. 3 Credits.
Principles or experimental research in psychology, including between subject designs, within subjects designs, and mixed factorial designs. Discussion or moral and ethical problems encountered in conducting animal and human research.
Prerequisites:
- PSY 311 with a minimum grade of D-
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): Psychological Science (210)

PSY513. Research Methods II. 3 Credits.
Overview of major qualitative and quantitative approaches in non-experimental research, including survey construction, interviewing techniques, archival data, assessment and program evaluation, and case studies.
Prerequisites:
- (PSY 311 with a minimum grade of D-
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): Psychological Science (210)

PSY515. Women and Health. 3 Credits.
Women's health issues from an interdisciplinary perspective. History and structure of the medical establishment as it affects women consumers. Designed for lay persons, this course will increase understanding of women and health care, and foster informed decision making.
Restrictions:
- Must have the following level: Graduate
PSY516. Organizational Psychology. 3 Credits.
Examines individual behavior in work settings, primarily at the group, team, and organizational levels. We will explore issues concerning work motivation, leadership, organizational culture, group conflict, and job-related attitudes.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Mental Health Counseling (290)
  - Psychology (208)
  - Psychological Science (210)

PSY528. Infancy and Early Childhood. 3 Credits.
Current issues in psychological development, with a focus on contemporary research and theoretical perspectives in socio-emotional and cognitive development in infancy and childhood. Central issues include controversies about the role of nature in development and about the formative role of early experiences on personality and relationships.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Music Therapy (285)
  - Mental Health Counseling (290)
  - Psychology (208)
  - Psychological Science (210)

PSY529. Adulthood. 3 Credits.
Examines theory and research related to the social, emotional, cognitive, and physical development of adults. Although consideration is given to diverse pathways to and through adulthood, normative transitions and issues are emphasized, along with ecological and contextual models of development.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Music Therapy (285)
  - Mental Health Counseling (290)
  - Psychology (208)
  - Psychological Science (210)

PSY530. Developmental Psychology. 3 Credits.
This course focuses on the central issues in psychological development, such as nature/nurture, the formative role of early experiences, and the influences of culture and context. Contemporary and classic research and theoretical perspectives in socioemotional and cognitive development are critically examined.

Prerequisites:
- (PSY 311 with a minimum grade of D-)

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): Psychological Science (210)

PSY531. Middle Childhood & Adolescence. 3 Credits.
Explores theory and research related to the study of middle childhood and adolescence. Biological, social, emotional, and cognitive aspects of development are examined with an emphasis on the contextual factors that inform developmental outcomes.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Music Therapy (285)
  - Mental Health Counseling (290)
  - Psychology (208)
  - Psychological Science (210)

PSY532. Disorders of Childhood. 3 Credits.
An overview of the psychological, emotional, cognitive, and behavior disorders that occur during childhood adolescence. An empirically-based developmental perspective will be featured, with an emphasis on conceptual and scientific issues and methods.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Mental Health Counseling (290)
  - Psychology (208)
  - Psychological Science (210)

PSY540. Applied Psychology. 3 Credits.
This course incorporates an interdisciplinary approach to understanding the application of scientific and diverse psychological perspectives to a variety of contexts including the workplace, the community, the law, sports, schools, and they clinical setting. While the particular setting that will be covered varies, the course examines how psychological principles apply to individuals, groups, and institutions within these applies contexts.

Prerequisites:
- PSY 311 with a minimum grade of D-

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): Psychological Science (210)
PSY550. Social/Personality Psychology. 3 Credits.
Issues, concepts, theories, and research in major areas of social and personality psychology are examined.

Prerequisites:
• PSY 311 with a minimum grade of D-

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Psychological Science (210)

PSY552. Psychopathology . 3 Credits.
Investigation of the concept of “mental disorder”, focusing on the history, development, and application of systems for conceptualizing, comprehending, and working with persons experiencing psychological difficulties. Examines various theories of abnormality, including but not limited to psychodynamic, behavioral, humanistic, cognitive, and constructivist. Also explores issues surrounding the Diagnostic and Statistical Manual of Mental Disorders.

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Mental Health Counseling (290)
  • Music Therapy (285)
  • Psychology (208)
  • Psychological Science (210)

PSY554. Research Methods in Psychology . 3 Credits.
Principles of research design in psychology, including field studies, randomized experiments, and quasi-experimental designs. Discussion of moral and ethical problems encountered in conducting animal and human research. Each student designs a research project.

Prerequisites:
• PSY 551 with a minimum grade of D-

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Psychological Science (210)
  • Mental Health Counseling (290)
  • Psychology (208)

PSY556. Contemporary Issues in Social Psychology . 3 Credits.
Issues, concepts, theories, and research in major areas of social psychology are examined.

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • School Counseling (295)
  • Mental Health Counseling (290)
  • Psychology (208)
  • Psychological Science (210)

PSY558. Seminar in Contemporary Research . 3 Credits.
Investigation of one or more areas of general experimental psychology: Cognition, developmental, learning, motivation, perception, and/or physiological.

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • School Counseling (295)
  • Mental Health Counseling (290)
  • Psychology (208)
  • Psychological Science (210)

PSY560. Cognitive Processes . 3 Credits.
Classical and contemporary theories in the areas of cognitive psychology and cognitive science are examined. Empirical evidence is reviewed. Topics include (but are not limited to) attention, encoding, memory, imagery, psycholinguistics, reasoning, problem solving, artificial intelligence, emotion, and cognitive disorders.

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • School Counseling (295)
  • Music Therapy (285)
  • Mental Health Counseling (290)
  • Psychology (208)
  • Psychological Science (210)

PSY570. Cognitive Neuroscience. 3 Credits.
Main concepts and methods of investigation in cognition and neuroscience. Topics include (but are not limited to) perception, attention, memory, emotion, language, neural plasticity, consciousness, and brain-mind problem.

Restrictions:
• PSY 311 with a minimum grade of D-

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • School Counseling (295)
  • Mental Health Counseling (290)
  • Psychology (208)
  • Psychological Science (210)

PSY576. Families in Transition. 3 Credits.
An investigation of the effects of significant family change, such as separation, divorce, remarriage, and loss. Topics may include cultural differences and implications for applied fields such as education and mental health.

Restrictions:
• Must have the following level: Graduate
PSY580. Lifespan Development for Individuals with ASD. 3 Credits.
A survey of psychological research on the impact of autism on the cognitive, neurobiological, social and affective development of the individual. Typical development provides the context for exploring how Autism Spectrum Disorder (ASD) affects growth and development from infancy through adulthood.
Restrictions:
- Must have the following level: Graduate

PSY582. Ethics & Practice II: Internship. 4 Credits.
Students participate in a variety of counseling related activities that are sequentially presented according to advanced levels of training and representing an increasingly complex area of client related problems.
Prerequisites:
- PSY 581 with a minimum grade of D-
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration): Mental Health Counseling (290)

PSY590. Thesis in Psychology (3-6). 3-12 Credits.
Students carry out a research project under the supervision of a faculty advisor and two readers. Students can opt to do a literature review (3 credits) or an empirical project (up to 6 credits). All empirical projects must conform to IRB guidelines for scientific integrity and ethical treatment of participants. The required form is available from Records and Registration.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - School Counseling (295)
  - Mental Health Counseling (290)
  - Psychology (208)
  - Psychological Science (210)

PSY593. Psy Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Psychological Science (210)
  - Psychology (208)

PSY595. Indep Study Psychology. 1-12 Credits.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Psychological Science (210)
  - Psychology (208)

PSY599. Comprehensive Exam Workshop. 0 Credits.
Non-credit workshop for students who wish to devote the semester immediately following the completion of their coursework to prepare for the comprehensive exam.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Psychological Science (210)
  - Psychology (208)

PSY795. Indep Study Psy . 1-12 Credits.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Psychological Science (210)
  - Psychology (208)

RP599. Russian Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Psychological Science (210)

Russian (RUS)

RUS593. Russian Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
- Must have the following level: Graduate
RUS595. Indep Study Russian. 0 Credits.
Restrictions:
• Must have the following level: Graduate

RUS795. Indep Study Russian. 0 Credits.
Restrictions:
• Must have the following level: Graduate

Secondary Education (SED)

SED507. Fieldwork I Second Language Education. 1 Credit.
Fieldwork and targeted observations toward the teaching and learning of English learners (ELs) at the elementary level. Roles consist of observer, assistant, and teacher for one-on-one, small group, and whole class instruction.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Second Language Education (065)

SED509. Fieldwork II Second Language Education. 1 Credit.
Fieldwork and targeted observations toward the teaching and learning of English learners (ELs) at the secondary level. Roles consist of observer, assistant, and teacher for one-on-one, small group, and whole class instruction.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration): Second Language Education (065)

SED525. Digital Literacies and Learning in Secondary Education. 1 Credit.
An introduction to issues and research related to digital literacies and learning in face-to-face and virtual environments. Students will examine relevant research and strategies for integrating digital tools and resources in secondary classrooms and in the professional work of teachers.
Restrictions:
• Must have the following level: Graduate

SED540. Graduate Foundations of Secondary Education Seminar. 1 Credit.
In a series of classroom activities, students will inquire into key curriculum issues in secondary education within the broader philosophical, psychological, social, and sociocognitive contexts of schools and schooling.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed: Biology (031B)
  • Adolescence Ed: Chemistry (032A)
  • Adolescence Ed: Earth Science (033A)
  • Adolescence Ed: Biology (101B)
  • Adolescence Ed: Chemistry (104A)
  • Adolescence Ed: Chemistry (104B)
  • Adolescence Ed: French (105A)
  • Adolescence Ed: French (105B)
  • Adolescence Ed: Mathematics (107A)
  • Adolescence Ed: Mathematics (107B)
  • Adolescence Ed: Social Studies (109A)
  • Adolescence Ed: Social Studies (109B)
  • Adolescence Ed: Spanish (110A)
  • Adolescence Ed: Spanish (110B)
  • Adolescence Ed: Biology (101A)

SED541. Constructing Scientific Conceptual Knowledge. 3 Credits.
A study of the nature of science and the ways students learn about science. Topics include students’ conceptions (and misconceptions) about natural phenomena and instructional strategies to promote meaningful learning, especially conceptual change.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed: Biology (031B)
  • Adolescence Ed: Chemistry (032A)
  • Adolescence Ed: Earth Science (033A)
  • Adolescence Ed: Biology (101A)
  • Adolescence Ed: Biology (101B)
  • Adolescence Ed: Earth Science (102A)
  • Adolescence Ed: Earth Science (102B)
  • BA/MAT Earth Science (102E)
  • Adolescence Ed: English (103A)
  • Adolescence Ed: Chemistry (104A)
  • Adolescence Ed: Chemistry (104B)
  • BA/MAT Chemistry (104C)
  • Chemistry (50CH)
  • Geology/Earth Science (51ES)
  • Adolescence Ed: Biology (031A)
SED542. Meaningful Problem Solving in Science . 3 Credits.
A study of how students solve science problems and how teachers can enhance the likelihood that their students will solve such problems meaningfully, i.e., by understanding the relevant concepts rather than by mechanically following a prescribed set of rules.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed:Biology (031B)
  • Adolescence Ed:Chemistry (032A)
  • Adolescence Ed:Chemistry (032B)
  • Adolescence Ed:Earth Science (033A)
  • Adolescence Ed:Earth Science (033B)
  • Adolescence Ed:Biology (101A)
  • Adolescence Ed:Biology (101B)
  • Adolescence Ed:Earth Science (102A)
  • Adolescence Ed:Earth Science (102B)
  • BA/MAT Earth Science (102E)
  • Adolescence Ed:Chemistry (104A)
  • Adolescence Ed:Chemistry (104B)
  • BA/MAT Chemistry (104C)
  • Chemistry (50CH)
  • Geology/Earth Science (51ES)
  • Adolescence Ed:Biology (031A)

SED543. Science in the Secondary School . 3 Credits.
Science as a process of inquiry with examples from current research. Cultural implications of scientific and technological development and their effect upon the secondary school science curriculum. Course will also include a series of structured instructional experiences intended to further students' first-hand knowledge of secondary schools and schooling.
Prerequisites:
• EDS 539 with a minimum grade of D- and EDS 730 with a minimum grade of D-
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed:Biology (101B)
  • Adolescence Ed:Earth Science (102A)
  • Adolescence Ed:Earth Science (102B)
  • Geology/Earth Science (51ES)
  • Adolescence Ed:Chemistry (104A)
  • Adolescence Ed:Chemistry (104B)
  • BA/MAT Chemistry (104C)
  • Chemistry (50CH)
  • Adolescence Ed:Biology (101A)
  • BA/MAT Earth Science (102E)

SED545. Mathematics in the Secondary School . 3 Credits.
This course will provide methods and techniques for effective teaching of mathematics in secondary schools. It will help the pre-service teacher develop the knowledge, skills and attitudes necessary for successful mathematics teaching. Course will also include a series of structured instructional experiences intended to further students' first-hand knowledge of secondary schooling.
Prerequisites:
• EDS 539 with a minimum grade of D- and EDS 730 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
  • Must have the following field(s) of study (major, minor or concentration):
    • Adolescence Ed:Mathematics (107B)
    • Adolescence Ed:Mathematics (107A)

SED546. Social Studies in the Secondary School . 3 Credits.
Students will analyze various methods of secondary school social studies instruction and will prepare several types of instructional strategies, both short and long term. Course will also include a series of structured instructional experiences intended to further students' first-hand knowledge of secondary schools and schooling.
Prerequisites:
• EDS 539 with a minimum grade of D- and EDS 730 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
  • Must have the following field(s) of study (major, minor or concentration):
    • Adolescence Ed:Social Studies (109B)
    • Adolescence Ed:Social Studies (109A)

SED547. Foreign Language in the Secondary School . 3 Credits.
Acquaints foreign language teachers with elements of organization, classroom management, lesson planning and teaching strategies appropriate to the needs and abilities of students in secondary foreign language classrooms. Students will be exposed to the best sources of information available to foreign language teachers as well as to traditional and new approaches in teaching.
Restrictions:
• Must have the following level: Graduate
  • Must have the following field(s) of study (major, minor or concentration):
    • Adolescence Ed:French (105B)
    • Adolescence Ed:French (105A)
SED548. Literacy Instruction in the Secondary School . 3 Credits.
Initiation, organization, and development of secondary literacy programs. Interpretation and use of reading and writing assessments (e.g., standardized tests, portfolios, informal assessment) with the goal of recognizing and addressing literacy difficulties. Selection of appropriate reading materials. Development of classroom libraries and literacy projects.
Prerequisites:
• EDS 372 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

SED549. Teaching Literacy Across the Disciplines 6-12. 3 Credits.
Examines strategies for developing literacy and thinking across the disciplines, focusing on text “comprehension” and its variety of guises. Topics include reading and writing processes related to the understanding of literary and expository texts, instructional and assessment strategies designed to improve text comprehension, developing integrated curricula, selection and evaluation of classroom materials.
Restrictions:
• Must have the following level: Graduate

SED550. Teaching Mathematics for All . 3 Credits.
Special instructional strategies and tactics for effective teaching of mathematics for all students.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed:Mathematics (107A)
  • Adolescence Ed:Mathematics (107B)

SED551. Field Experience I . 1 Credit.
Students will immerse themselves in secondary school settings, cultures, and teaching-related activities. This includes interviewing, observing, and interacting with students, teachers, administrators and staff. COURSE FEE FOR WATERMARK .
Prerequisites:
• SED Fieldwork Form with a score of Y
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed:Biology (101B)
  • Adolescence Ed: Earth Science (102A)
  • Adolescence Ed:Earth Science (102B)
  • Adolescence Ed: Spanish (110A)
  • Adolescence Ed:Spanish (110B)
  • Adolescence Ed: Biology (031A)
SED552. Field Experience II . 1 Credit.
Students will immerse themselves in secondary school settings, cultures and direct discipline-related activities. This includes interviewing, observing, and interacting with students, discipline-specific teachers, administrators and staff. Co-requisite with a discipline-specific methods course (SED370, SED371, SED373, SED374, SED375, SED381, SED391).
Prerequisites:
• SED 551 and SED 370 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed:Biology (101B)
  • Adolescence Ed: Earth Science (102A)
  • Adolescence Ed:Earth Science (102B)
  • Adolescence Ed: English (103A)
  • Adolescence Ed:English (103B)
  • Adolescence Ed: Chemistry (104A)
  • Adolescence Ed:Chemistry (104B)
  • Adolescence Ed: French (105A)
  • Adolescence Ed:French (105B)
  • Adolescence Ed: Mathematics (107A)
  • Adolescence Ed:Mathematics (107B)
  • Adolescence Ed: Social Studies (109A)
  • Adolescence Ed:Social Studies (109B)
  • Adolescence Ed: Spanish (110A)
  • Adolescence Ed:Spanish (110B)
  • Adolescence Ed: Biology (101A)

SED553. Field Experience III . 1 Credit.
Students will immerse themselves in particular secondary school settings with the purpose of understanding the school culture in which they will be student teaching. This will involve interviewing, observing, and interacting with students, teachers, administrators and staff in a broad range of "normal" school-related activities. Co-requisite with a discipline-specific student teaching course (SED404, SED405).
Prerequisites:
• SED 552 and SED 604 and SED 605 and SED 606
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed:Biology (101B)
  • Adolescence Ed: Earth Science (102A)
  • Adolescence Ed:Earth Science (102B)
  • BA/MAT Earth Science (102E)
  • Adolescence Ed: English (103A)
  • Adolescence Ed:English (103B)
  • Adolescence Ed: Chemistry (104A)
  • Adolescence Ed:Chemistry (104B)
  • BA/MAT Chemistry (104C)
  • Adolescence Ed: French (105A)
  • Adolescence Ed:French (105B)
  • Adolescence Ed: Mathematics (107A)
  • Adolescence Ed:Mathematics (107B)
  • Adolescence Ed: Social Studies (109A)
  • Adolescence Ed:Social Studies (109B)
  • Adolescence Ed: Spanish (110A)
  • Adolescence Ed:Spanish (110B)
  • Chemistry (50CH)
  • Geology/Earth Science (51ES)
  • Adolescence Ed: Biology (101A)

SED554. HVWP Invitational Institute I: Teachers as Writers. 3 Credits.
Engage in personal and professional writing while developing skills as a writing teacher. Learn how to model writing and other research-proven teaching strategies. Work with a Hudson Valley Writing Project coach to design a professional development workshop based on what works in your classroom. For application, go to http://www.newpaltz.edu/hvwp/

SED555. HVWP Invitational Institute II: Teachers as Learners. 3 Credits.
Deepen understanding of writing instruction, writing assessment, digital learning environments, and professional development leadership. Work with Hudson Valley Writing Project colleagues to plan and lead a writing workshop for teachers, student writers, and their families.
Prerequisites:
• SED 554 with a minimum grade of D-
SED556. Storytelling, Folklore and the English Language Arts Curriculum . 3 Credits.
Explores the central role of oral narrative as a learning tool for diverse cultures throughout the centuries. Students will experience and research stories from a wide range of genre and examine the potential of story to foster community and develop critical literacy skills in K-12 classrooms.
Restrictions:
• Must have the following level: Graduate

SED557. Computers in Secondary School Mathematics Education . 3 Credits.
Study the various ways of analyzing mathematics software, teaching programming and developing applications of the computer as it relates to the NYS Mathematics curriculum.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed: Biology (031B)
  • Adolescence Ed: Chemistry (032A)
  • Adolescence Ed: Chemistry (032B)
  • Adolescence Ed: Earth Science (033A)
  • Adolescence Ed: Earth Science (033B)
  • Adolescence Ed: English (034A)
  • Adolescence Ed: English (034B)
  • Adolescence Ed: French (035A)
  • Adolescence Ed: French (035B)
  • Adolescence Ed: Mathematics (037A)
  • Adolescence Ed: Mathematics (037B)
  • Adolescence Ed: Spanish (039A)
  • Adolescence Ed: Spanish (039B)
  • Adolescence Ed: Social Studies (040B)
  • Adolescence Ed: Biology (101A)
  • Adolescence Ed: Biology (101B)
  • Adolescence Ed: Earth Science (102A)
  • Adolescence Ed: Earth Science (102B)
  • Adolescence Ed: English (103A)
  • Adolescence Ed: English (103B)
  • Adolescence Ed: Chemistry (104A)
  • Adolescence Ed: Chemistry (104B)
  • Adolescence Ed: French (105A)
  • Adolescence Ed: French (105B)
  • Adolescence Ed: Mathematics (107A)
  • Adolescence Ed: Mathematics (107B)
  • Adolescence Ed: Social Studies (109A)
  • Adolescence Ed: Social Studies (109B)
  • Adolescence Ed: Spanish (110A)
  • Adolescence Ed: Spanish (110B)
  • Adolescence Ed: Biology (031A)

SED558. Dealing with Diversity in the Foreign Language Classroom . 3 Credits.
Deals with diversity and its scope and impact in the foreign language classroom. Participants will be helped to define diversity and multiculturalism and its place within the foreign language classroom. Understanding diversity, teaching diversity, confronting issues of diversity, and lesson planning to promote diversity and student involvement will be the focus of the course.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed: French (035B)
  • Adolescence Ed: Spanish (039A)
  • Adolescence Ed: Spanish (110B)
  • Adolescence Ed: French (105A)
  • Adolescence Ed: French (105B)
  • Adolescence Ed: Spanish (110A)
  • Adolescence Ed: French (035A)
  • Adolescence Ed: Spanish (039B)

SED559. Problem Solving for Mathematics Teachers . 3 Credits.
Problem solving is a major focus of the current upper elementary and secondary mathematics curricula. A study and investigation of methods for solving problems in mathematics, and teaching these problem solving skills to our students.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed: Mathematics (107B)
  • Adolescence Ed: Mathematics (107A)
  • Adolescence Ed: Mathematics (037A)
  • Adolescence Ed: Mathematics (037B)
SED560. Technology in the Classroom . 3 Credits.
Designed to introduce students to the microcomputer and related technologies and how they may be used to support teaching and learning. Students will learn how to integrate the microcomputer and related technologies to achieve curriculum goals.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Second Language Education (065)
  • Adolescence Ed: Biology (101A)
  • Adolescence Ed: Biology (101B)
  • Adolescence Ed: Earth Science (102A)
  • Adolescence Ed: Earth Science (102B)
  • Adolescence Ed: English (103A)
  • Adolescence Ed: English (103B)
  • Adolescence Ed: Chemistry (104A)
  • Adolescence Ed: Chemistry (104B)
  • Adolescence Ed: French (105A)
  • Adolescence Ed: French (105B)
  • Adolescence Ed: Mathematics (107A)
  • Adolescence Ed: Mathematics (107B)
  • Adolescence Ed: Social Studies (109A)
  • Adolescence Ed: Social Studies (109B)
  • Adolescence Ed: Spanish (110A)
  • Adolescence Ed: Spanish (110B)
  • Literacy Education: 5 - 12 (030B)

SED564. Reconstructing Social Studies Using Diverse Perspectives. 3 Credits.
While learning diverse perspectives on the history and teaching of social studies, students will reflect on their practices by asking: Toward what end should I teach social studies so that all students learn better?.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed: Social Studies (109B)
  • Adolescence Ed: Social Studies (109A)
  • Adolescence Ed: Spanish (110A)
  • Adolescence Ed: Spanish (110B)
  • Literacy Education: 5 - 12 (030B)

SED565. World History Institute. 3 Credits.
Students will develop a conceptual understanding of the field of World History in order to make effective choices concerning content to be taught in a high school course.

SED566. Education Across Borders: International Ideas and Experience. 3 Credits.
Through interdisciplinary study of the policies, practices, histories, and guiding ideals of educational systems internationally, we will gain some understanding of other systems and also a broader perspective on our own.

SED567. HVWP Invitational Institute III: Teachers as Leaders. 3 Credits.
Participants deepen their understanding of leadership and professional development, considering purposeful and practical opportunities in an ever-shifting context of school reform. Work includes strategic planning, engagement, and evaluation of leadership in the teaching of writing. This class will be taught at an off-campus site.
Prerequisites:
• SED 554 with a minimum grade of D- and SED 555 with a minimum grade of D-

SED573. Teaching English as a New Language I. 3 Credits.
Examination of methods, materials, and assessment for teaching English as a new language at the elementary (P-6) level. Includes differentiation of instruction for learners of English as a new language at different proficiency levels. Focus on teaching language modalities (listening, speaking, reading, and writing), second language acquisition, and multicultural perspectives.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Second Language Education (065)

SED575. Teaching Literacy in English as a New Language. 3 Credits.
Examination of literacy skills, methods, and assessments, including reading enrichment and remediation, for teaching English to speakers of a new language and to English learners with disabilities at elementary and secondary levels. Includes study of phonetic and phonological awareness through reading instruction.
Prerequisites:
• SED 573 with a minimum grade of D-

SED576. Teaching English as a New Language II. 3 Credits.
Examination of methodologies, materials, and assessments used in teaching language and content (e.g., mathematics, social studies, and science) to learners of English as a new language, including those with disabilities. Focus on incorporating language modalities into 7-12 content instruction, as well as second language acquisition and multicultural perspectives.
Prerequisites:
• SED 573 with a minimum grade of D-

SED577. HVWP Invitational Institute III: Teachers as Leaders. 3 Credits.
SED577. Applied Linguistics for Teachers of English as a New Language (ENL). 3 Credits.
Examination of the structure of the English language, including discussion and evaluation of techniques for teaching the phonological, morphological, and syntactical components of English to learners of English as a new language.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Second Language Education (065)

SED578. Second Language Learning . 3 Credits.
Discussion of the psychological, sociological and anthropological aspects of language. Provides an overview of bilingualism and second language acquisition theory and research as related to the teaching and learning of other languages. Co-requisite: SED575, SED576.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Second Language Education (065)

SED579. Practicum in Teaching English as a Second Language . 6 Credits.
A college-supervised experience in the Teaching of English to Speakers of Other Languages required of all students in the TESOL concentration during their final semester. A research project based on the practicum experience will be required.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Second Language Education (065)

SED580. English Grammar for Teachers of English as a New Language (ENL). 3 Credits.
Provides candidates with a systematic understanding of English grammar and its implications for writing, reading, and oral communication. This course focuses on the role of grammar and syntax in classroom instruction, including a review of techniques and materials for teaching English grammar to learners of English as a new language.
Prerequisites:
• SED 577 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Second Language Education (065)

SED585. Materials Development for the Foreign Language Classroom. 3 Credits.
Focuses on the development of effective foreign language instructional materials in light of SLA theoretical views, state and national standards, findings in the areas of cognition, individual learner styles, multiple intelligences, differentiation, and teacher/learner beliefs.
Restrictions:
• Must have the following level: Graduate

SED591. Inquiry Learning in Science Education. 3 Credits.
Student develop critical abilities to explore, plan and implement inquiry-based educational practices, and demonstrate how inquiry questioning and problem-based/project-based lessons develop critical thinking and process skills during the creation of student-oriented scientific investigative design.
Restrictions:
• Must have the following level: Graduate

SED593. Secondary Ed Selected Topic. 12 Credits.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed:Chemistry (032B)
  • Adolescence Ed:Earth Science (033B)
  • Adolescence Ed:English (034B)
  • Adolescence Ed:French (035B)
  • Adolescence Ed:Mathematics (037B)
  • Adolescence Ed:Spanish (039B)
  • Adolescence Ed:Social Studies (040B)
  • Adolescence Ed:Biology (101B)
  • Adolescence Ed:Earth Science (102B)
  • BA/MAT Earth Science (102E)
  • Adolescence Ed:English (103B)
  • Adolescence Ed:Chemistry (104B)
  • BA/MAT Chemistry (104C)
  • Adolescence Ed:French (105B)
  • Adolescence Ed:Mathematics (107B)
  • Adolescence Ed:Social Studies (109B)
  • Adolescence Ed:Spanish (110B)
  • Chemistry (50CH)
  • Geology/Earth Science (51ES)
  • Adolescence Ed:Biology (031B)
SED595. Indep Study Secondary Ed. 1-12 Credits.  
Restrictions:  
  • Must have the following level: Graduate  
  • Must have the following field(s) of study (major, minor or concentration):  
    • Adolescence Ed: Biology (031B)  
    • Adolescence Ed: Chemistry (032A)  
    • Adolescence Ed: Chemistry (032B)  
    • Adolescence Ed: Earth Science (033A)  
    • Adolescence Ed: Earth Science (033B)  
    • Adolescence Ed: English (034A)  
    • Adolescence Ed: English (034B)  
    • Adolescence Ed: French (035A)  
    • Adolescence Ed: French (035B)  
    • Adolescence Ed: Mathematics (037A)  
    • Adolescence Ed: Mathematics (037B)  
    • Adolescence Ed: Spanish (039A)  
    • Adolescence Ed: Spanish (039B)  
    • Adolescence Ed: Social Studies (040B)  
    • Adolescence Ed: Biology (101A)  
    • Adolescence Ed: Biology (101B)  
    • Adolescence Ed: Earth Science (102A)  
    • Adolescence Ed: Earth Science (102B)  
    • BA/MAT Earth Science (102E)  
    • Adolescence Ed: English (103A)  
    • Adolescence Ed: English (103B)  
    • Adolescence Ed: Chemistry (104A)  
    • Adolescence Ed: Chemistry (104B)  
    • BA/MAT Chemistry (104C)  
    • Adolescence Ed: French (105A)  
    • Adolescence Ed: French (105B)  
    • Adolescence Ed: Mathematics (107A)  
    • Adolescence Ed: Mathematics (107B)  
    • Adolescence Ed: Social Studies (109A)  
    • Adolescence Ed: Social Studies (109B)  
    • Adolescence Ed: Spanish (110A)  
    • Adolescence Ed: Spanish (110B)  
    • Chemistry (50CH)  
    • Geology/Earth Science (51ES)  
    • Adolescence Ed: Biology (031A)  

SED604. Practicum in Secondary Ed 7-9. 6 Credits.  
Practicum experience in Secondary Ed 7-9.

SED605. Practicum in Secondary Ed 10-12. 6 Credits.  
A full-time experience in teaching the subject in grades 10-12.  
Restrictions:  
  • Must have the following level: Graduate

SED606. Practicum Seminar. 1 Credit.  
All secondary education students must take this seminar while student teaching. The goals of the seminar are to provide practical support for candidates and time to reflect on their experiences so as to enhance teaching and learning in schools.  
Restrictions:  
  • Must have the following level: Graduate

SED607. Practicum Seminar: Second Language Education. 1 Credit.  
Sec Lang Ed Students must take this seminar while student teaching. The goals are to provide practical support for candidates and time to reflect on their experiences so as to enhance teaching and learning in schools.  
Restrictions:  
  • Must have the following level: Graduate  
  • Must have the following field(s) of study (major, minor or concentration): Second Language Education (065)
SED701. Inquiry into Teaching, Learning, and School: Part I . 3 Credits.
First course in a two-semester sequence in which candidates read, discuss, debate, and write about educational research and its intersection with teaching and learning. An "action research" investigation will be designed and carried out during the second semester.

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Adolescence Education 1-6 (013C)
  - Adolescence Ed: Biology (031A)
  - Adolescence Ed: Biology (031B)
  - Adolescence Ed: Chemistry (032A)
  - Adolescence Ed: Chemistry (032B)
  - Adolescence Ed: Earth Science (033A)
  - Adolescence Ed: Earth Science (033B)
  - Adolescence Ed: English (034A)
  - Adolescence Ed: English (034B)
  - Adolescence Ed: French (035A)
  - Adolescence Ed: French (035B)
  - Adolescence Ed: Mathematics (037A)
  - Adolescence Ed: Mathematics (037B)
  - Adolescence Ed: Spanish (039A)
  - Adolescence Ed: Spanish (039B)
  - Adolescence Ed: Social Studies (040B)
  - Economics (040E)
  - Geography (040G)
  - History (040H)
  - Political Science (040P)
  - Second Language Education (065)
  - Adolescence Ed: Biology (101A)
  - Adolescence Ed: Biology (101B)
  - Adolescence Ed: Earth Science (102A)
  - Adolescence Ed: Earth Science (102B)
  - Adolescence Ed: English (103A)
  - Adolescence Ed: English (103B)
  - Adolescence Ed: Chemistry (104A)
  - Adolescence Ed: Chemistry (104B)
  - Adolescence Ed: French (105A)
  - Adolescence Ed: French (105B)
  - Adolescence Ed: Mathematics (107A)
  - Adolescence Ed: Mathematics (107B)
  - Adolescence Ed: Social Studies (109A)
  - Adolescence Ed: Social Studies (109B)
  - Adolescence Ed: Spanish (110A)
  - Adolescence Ed: Spanish (110B)
  - Early Childhood: B-2 (13EC)
  - Reading/Literacy (13RL)
  - Sci
  - Tech
  - Engr & Math (STEM) (13ST)
  - Early Childhood Education (011A)

SED702. Inquiry into Teaching, Learning, and School: Part II Every Semester . 3 Credits.
Second course in a two-semester sequence in which candidates, under the guidance of the professor, carry out an empirical study designed in Inquiry into Teaching, Learning, and School: Part 1 (SED 701).

Prerequisites:
- SED 701 with a minimum grade of D-

Restrictions:
- Must have the following level: Graduate
- Must have the following field(s) of study (major, minor or concentration):
  - Adolescence Education 1-6 (013C)
  - Adolescence Ed: Biology (031A)
  - Adolescence Ed: Biology (031B)
  - Adolescence Ed: Chemistry (032A)
  - Adolescence Ed: Chemistry (032B)
  - Adolescence Ed: Earth Science (033A)
  - Adolescence Ed: Earth Science (033B)
  - Adolescence Ed: English (034A)
  - Adolescence Ed: English (034B)
  - Adolescence Ed: French (035A)
  - Adolescence Ed: French (035B)
  - Adolescence Ed: Mathematics (037A)
  - Adolescence Ed: Mathematics (037B)
  - Adolescence Ed: Spanish (039A)
  - Adolescence Ed: Spanish (039B)
  - Adolescence Ed: Social Studies (040B)
  - Economics (040E)
  - Geography (040G)
  - History (040H)
  - Political Science (040P)
  - Second Language Education (065)
  - Adolescence Ed: Biology (101A)
  - Adolescence Ed: Biology (101B)
  - Adolescence Ed: Earth Science (102A)
  - Adolescence Ed: Earth Science (102B)
  - Adolescence Ed: English (103A)
  - Adolescence Ed: English (103B)
  - Adolescence Ed: Chemistry (104A)
  - Adolescence Ed: Chemistry (104B)
  - Adolescence Ed: French (105A)
  - Adolescence Ed: French (105B)
  - Adolescence Ed: Mathematics (107A)
  - Adolescence Ed: Mathematics (107B)
  - Adolescence Ed: Social Studies (109A)
  - Adolescence Ed: Social Studies (109B)
  - Adolescence Ed: Spanish (110A)
  - Adolescence Ed: Spanish (110B)
  - Early Childhood: B-2 (13EC)
  - Reading/Literacy (13RL)
  - Sci
  - Tech
  - Engr & Math (STEM) (13ST)
  - Early Childhood Education (011A)
SED703. Curriculum: Designs for Literacy, Learning, and Assessment in Secondary Schools. 3 Credits.
Teacher candidates will read, discuss, debate, and write and philosophies and practices related to curriculum assessment, and adolescent literacy. The co-requisite, Field Experience 1, permits candidates to observe and analyze curriculum, assessment, and literacy as it is enacted by local teachers and students.
Prerequisites:
• SED Fieldwork Form with a score of Y
Restrictions:
• Must have the following level: Graduate

SED742. Teaching Dramatic Literature in the Secondary School . 3 Credits.
An examination of performance as a method of comprehension and engagement. Participants will learn to make dramatic literature accessible to all students as well as to make literature dramatic (e.g., readers’ theatre, storytelling).
Restrictions:
• Must have the following level: Graduate

SED743. Teaching Writing and Thinking in the Secondary School. 3 Credits.
Examines writing as a constructive process and mode of learning. Topics include the development of writing abilities; creating classroom ecologies that support critical thinking and creativity; differentiating instruction in heterogeneous, multicultural classrooms; opening texts through writing and writing through texts; preparing students for high-stakes writing examinations; responding to and evaluating writing.
Restrictions:
• Must have the following level: Graduate

SED744. Teaching English in the Secondary School . 3 Credits.
Examines effective methods of secondary school English instruction in heterogeneous classrooms and helps the pre-service teacher develop the knowledge, skills and dispositions necessary for successful English teaching. Course will also include a series of structured instructional experiences intended to further students’ first-hand knowledge of secondary schools and schooling.
Prerequisites:
• SED 703 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

SED712. Recent Research in Education . 3 Credits.
Current research methods and findings and their significance for education in the United States. Each student explores an intensive research program.
Restrictions:
• Must have the following level: Graduate

SED745. Teaching Literature in the Middle School Every Semester . 3 Credits.
Examines quality literature that appeals to young adults and focuses on teaching methods that support literary understanding. Topics include aesthetic and efferent reading processes; developing curriculum for heterogeneous, multicultural classrooms; using writing and the arts as tools for developing literary comprehension; assessment and evaluation of literature learning.
Restrictions:
• Must have the following level: Graduate

SED747. Teaching Geometry and Algebra in the Secondary School . 3 Credits.
From the study of geometry, criteria for identifying objectives for various subsets of the student body. Methods and materials to accomplish these goals.
Restrictions:
• Must have the following level: Graduate

SED748. Teaching Literature in the High School Spring . 3 Credits.
Students will examine and research quality literature appropriate for in-depth study at the high school level. Topics include pedagogies that support literary thinking; curriculum development for heterogeneous, multicultural classrooms; using writing, the arts, and various media to teach literature; assessing and grading literature learning; developing school-wide literature programs.
Restrictions:
• Must have the following level: Graduate
SED761. Instruction and Curriculum in Secondary Mathematics. 3 Credits.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed:Earth Science (033B)
  • Adolescence Ed:Mathematics (107B)
  • Adolescence Ed:Mathematics (037B)
  • Adolescence Ed: Mathematics (107A)
  • Adolescence Ed: Earth Science (033A)
  • Adolescence Ed: Mathematics (037A)
SED793. Secondary Ed Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed:Biology (031B)
  • Adolescence Ed: Chemistry (032A)
  • Adolescence Ed:Chemistry (032B)
  • Adolescence Ed: Earth Science (033A)
  • Adolescence Ed:Earth Science (033B)
  • Adolescence Ed: English (034A)
  • Adolescence Ed:English (034B)
  • Adolescence Ed: French (035A)
  • Adolescence Ed:French (035B)
  • Adolescence Ed: Mathematics (037A)
  • Adolescence Ed:Mathematics (037B)
  • Adolescence Ed: Spanish (039A)
  • Adolescence Ed:Spanish (039B)
  • Adolescence Ed:Social Studies (040B)
  • Adolescence Ed: Biology (101A)
  • Adolescence Ed:Biology (101B)
  • Adolescence Ed: Earth Science (102A)
  • Adolescence Ed:Earth Science (102B)
  • BA/MAT Earth Science (102E)
  • Adolescence Ed: English (103A)
  • Adolescence Ed:English (103B)
  • Adolescence Ed: Chemistry (104A)
  • Adolescence Ed:Chemistry (104B)
  • BA/MAT Chemistry (104C)
  • Adolescence Ed: French (105A)
  • Adolescence Ed:French (105B)
  • Adolescence Ed: Mathematics (107A)
  • Adolescence Ed:Mathematics (107B)
  • Adolescence Ed: Social Studies (109A)
  • Adolescence Ed:Social Studies (109B)
  • Adolescence Ed: Spanish (110A)
  • Adolescence Ed:Spanish (110B)
  • Chemistry (50CH)
  • Geology/Earth Science (51ES)
  • Adolescence Ed: Biology (031A)
SED795. Indep Study Secondary Ed. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Adolescence Ed: Biology (031B)
  • Adolescence Ed: Chemistry (032A)
  • Adolescence Ed:Chemistry (032B)
  • Adolescence Ed: Earth Science (033A)
  • Adolescence Ed:Earth Science (033B)
  • Adolescence Ed: English (034A)
  • Adolescence Ed:English (034B)
  • Adolescence Ed: French (035A)
  • Adolescence Ed:French (035B)
  • Adolescence Ed: Mathematics (037A)
  • Adolescence Ed:Mathematics (037B)
  • Adolescence Ed: Spanish (039A)
  • Adolescence Ed:Spanish (039B)
  • Adolescence Ed: Biology (101A)
  • Adolescence Ed:Biology (101B)
  • Adolescence Ed: Earth Science (102A)
  • Adolescence Ed:Earth Science (102B)
  • BA/MAT Earth Science (102E)
  • Adolescence Ed: English (103A)
  • Adolescence Ed:English (103B)
  • Adolescence Ed: Chemistry (104A)
  • Adolescence Ed:Chemistry (104B)
  • BA/MAT Chemistry (104C)
  • Adolescence Ed: French (105A)
  • Adolescence Ed:French (105B)
  • Adolescence Ed: Mathematics (107A)
  • Adolescence Ed:Mathematics (107B)
  • Adolescence Ed: Social Studies (109A)
  • Adolescence Ed:Social Studies (109B)
  • Adolescence Ed: Spanish (110A)
  • Adolescence Ed:Spanish (110B)
  • Chemistry (50CH)
  • Geology/Earth Science (51ES)
  • Adolescence Ed: Biology (031A)

Sociology (SOC)

SOC500. Social Structure and Change . 3 Credits.
An examination of the social structural forces that shape and alter contemporary society.
Restrictions:
• Must have the following level: Graduate

SOC501. Foundations in Sociological Theory . 3 Credits.
Inquiry into the major themes of sociological thought. Classical and contemporary theories will be examined in depth.
Restrictions:
• Must have the following level: Graduate

SOC502. The Family in American Culture . 3 Credits.
Theoretical and structural aspects of American family life.
Restrictions:
• Must have the following level: Graduate

SOC503. Research Methods . 3 Credits.
Training in the methods and techniques of data collection, interpretation and analysis, utilizing both quantitative and qualitative orientations.
Restrictions:
• Must have the following level: Graduate

SOC504. Sociology of Education . 3 Credits.
Socio-cultural context of education. Social system analysis of school and community. Interpersonal relations between teachers and students. Community power structure and the education process.
Restrictions:
• Must have the following level: Graduate

SOC505. Autism and Human Services. 3 Credits.
Autism and Human Services explores family systems theory, social networks, social policies, advocacy, and human rights as these relate to autism. The course also focuses on international approaches in the work with people with autism.
Restrictions:
• Must have the following level: Graduate

SOC511. Urban Sociology . 3 Credits.
Historical, spatial patterns, and social organizations of cities. Public affairs, social problems, amenities of cities and suburbs systematically observed and analyzed.
Restrictions:
• Must have the following level: Graduate

SOC514. Cancer and Society . 3 Credits.
Analysis of popular ideologies and attitudes; problems in the evaluation of statistical and clinical data; cancer prevention versus cancer treatment; and ideological and economic forces shaping this debate.
Restrictions:
• Must have the following level: Graduate

SOC515. Alienation and Mental Illness . 3 Credits.
Critical examination of major schools of thought about alienation and mental illness in contemporary society. The effects of social structure and ideology in contemporary society form a sociological and socio-psychological perspective with an eye toward a synthesis of various schools of thought.
Restrictions:
• Must have the following level: Graduate

SOC523. Social Gerontology . 3 Credits.
Problems in the field of aging.
Restrictions:
• Must have the following level: Graduate

SOC525. Race and Ethnicity . 3 Credits.
Sociological perspectives on racial-ethnic inequality in the United States. An investigation into particular socio-historical events and their impact on individuals.
Restrictions:
• Must have the following level: Graduate
SOC532. Social Policy . 3 Credits.
Analysis of social policy and social welfare; policy shifts regarding disability rights and environmental justice. The changing relationship between the state, social movements, and economic forces in historical perspective.
Restrictions:
• Must have the following level: Graduate

SOC533. Gender Inequality . 3 Credits.
Theoretical and historical perspectives on gender in society. Topics may include: family and work, the impact of technology and culture in shaping work and domestic life, women’s rights as human rights.
Restrictions:
• Must have the following level: Graduate

SOC535. Applied Sociology . 3 Credits.
Training in research designed for specific applications. Emphasis on evaluation research, focus groups, statistical analysis and needs-assessment studies.
Restrictions:
• Must have the following level: Graduate

SOC551. Social Statistics . 3 Credits.
Training in the use of statistical techniques in the analysis of sociological data. Measures of central tendency and dispersion, correlation, and regression analysis will be employed.
Restrictions:
• Must have the following level: Graduate

SOC552. Seminar in Sociological Issues . 3 Credits.
Critical concerns within the field of sociology. Emphasis upon current sociological debates. Specific issues reflect the work and interest of the instructor.
Restrictions:
• Must have the following level: Graduate

SOC553. Seminar in Delinquent Behavior . 3 Credits.
Sociological study of the causes and characteristics of delinquent behavior; recent trends in the prevention and control of delinquency.
Restrictions:
• Must have the following level: Graduate

SOC590. Thesis in Sociology (3-6) . 1-12 Credits.
Research under the guidance of a faculty advisor, resulting in a thesis. Required form available in the Records and Registration Office.
Restrictions:
• Must have the following level: Graduate

SOC593. Soc Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

SOC594. Fieldwork In Sociology. 0 Credits.
Restrictions:
• Must have the following level: Graduate

SOC595. Indep Study Sociology. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

SOC599. Comprehensive Exam Workshop. 0 Credits.
Non-credit workshop for students who wish to devote the semester immediately following the completion of their coursework to prepare for the comprehensive exam.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Sociology (209)

SOC795. Indep Study Sociology. 0 Credits.
Restrictions:
• Must have the following level: Graduate

SOC799. Continued Registration. 1 Credit.
Restrictions:
• Must have the following level: Graduate

Spanish (SPA)

SPA561. Intensive Practice in Spanish. 3 Credits.
Offers advanced study and practice in spoken and written Spanish. Variants of old style, and selected problems in vocabulary and syntax. Conducted in Spanish. SPA561 and SPA562 may be taken separately and in either sequence.
Restrictions:
• Must have the following level: Graduate

SPA565. Latin American and Caribbean Poetry. 3 Credits.
Poetry of Latin American and the Caribbean, from various periods. Conducted in Spanish.
Restrictions:
• Must have the following level: Graduate

SPA567. Approaches to Latin American Culture. 3 Credits.
The cultural contents of language, arts, and the ways of life in Latin-American countries.
Restrictions:
• Must have the following level: Graduate

SPA568. History Spanish Language. 3 Credits.
Restrictions:
• Must have the following level: Graduate

SPA572. Latina and Latin American Women Dramatists . 3 Credits.
Analysis of women-authored plays written from the 1950’s to the present in Mexico, Puerto Rico, Argentina and Latino USA to trace the socio-historical origins of the subordination of women in public and private domains.
Restrictions:
• Must have the following level: Graduate

SPA573. Seminar in Spanish Literature I . 3 Credits.
Intensive study of a topic to be announced. Conducted in Spanish.
Restrictions:
• Must have the following level: Graduate
SPA575. Seminar in Latin American & Caribbean Literature. 3 Credits.
Restrictions:
• Must have the following level: Graduate

SPA578. Cervantes . 3 Credits.
Critical analysis of the "Don Quixote," and of other works by Cervantes. Conducted in Spanish.
Restrictions:
• Must have the following level: Graduate

SPA593. Spanish Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

SPA594. Fieldwork In Spanish. 0 Credits.
Restrictions:
• Must have the following level: Graduate

SPA595. Indep Study Spanish. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

Special Education (SPE)

SPE513. Single Subject Research. 3 Credits.
Provides an overview of single subject research methodology. Topics include measurement of behaviors, single subject research designs, threats to validity, and data analysis.
Prerequisites:
• SPE 512 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

SPE514. Advanced Applied Behavior Analysis. 3 Credits.
Provides an application of the principals and concepts of behavior analysis to social behaviors. Topics include: applied behavior analysis (ABA), identifying and defining target behaviors, measuring behaviors, assessing behaviors, determining functions of behavior, using behavior change systems, selecting intervention strategies, and implementing and managing services.
Prerequisites:
• SPE 512 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

SPE515. Ethical Considerations in Applied Behavior Analysis. 3 Credits.
Provides an overview of ethical considerations in the field of behavior analysis. Topics include: history of ethics, qualifications and responsibilities of being a Board Certified Behavior Analyst (BCBA), selection of interventions for clients, and implementation and evaluation of behavior change procedures.
Prerequisites:
• SPE 512 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

SPE516. Methods of Instruction. 3 Credits.
Provides behavioral techniques to teach individuals academic, functional living, and communication skills. Topics include instructional objectives, chaining response prompting, incidental teaching, observational learning, preference assessment, naturalistic interventions, and verbal behavior.
Prerequisites:
• SPE 512 with a minimum grade of D- and SPE 513 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

SPE517. Management Procedures for Severe Problem Behaviors. 3 Credits.
Learn how to evaluate severe problem behavior and intervene in order to decrease the occurrence of the problem behavior and teach individuals exhibiting these behaviors more socially appropriate behaviors. You will also consider ethical issues when evaluating interventions that target severe problem behaviors.
Prerequisites:
• SPE 512 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

SPE518. Autism Practicum. 3 Credits.
Provides candidates with the opportunity for hands on experience with assessing behaviors, creating behavior modification programs, and making decisions on current cases with individuals with autism under the supervision of a licensed behavior analyst.
Prerequisites:
• SPE 512 with a minimum grade of D- and SPE 513 with a minimum grade of D-
Restrictions:
• Must have the following level: Graduate

SPE563. Multiple Intelligences in Inclusive Classrooms . 3 Credits.
Participants will develop understanding and skills in the use of multiple intelligences for planning and collaborating in instructional design, supporting students' full participation, and working with colleagues and community.
Restrictions:
• Must have the following level: Graduate
SPE565. Teaching in Inclusive Classrooms . 3 Credits.
Examines a variety of issues and strategies related to educating learners with disabilities in general education classrooms. It also is designed to provide students with an understanding of the nature and needs of exceptional children and youth from culturally and linguistically diverse backgrounds.
Restrictions:
• Must have the following level: Graduate

SPE571. Teaching Communication Skills to Learners with Disabilities . 3 Credits.
Methods, materials, and procedures for increasing the communication skills of students with disabilities.
Restrictions:
• Must have the following level: Graduate

SPE572. Tchg. Learners of Culturally/Linguistically Diverse Backgrounds. 3 Credits.
This course examines the academic and social challenges education poses faced by students from culturally and linguistically diverse backgrounds. Methods for implementing culturally relevant instruction and programs for all students will be discussed.
Restrictions:
• Must have the following level: Graduate

SPE575. Technology in Special Education . 3 Credits.
This course is designed for educators who are interested in learning how to use educational technology with individuals with disabilities. Technology content dealing with ways technology can be employed to teach exceptional students will be discussed as well as other practical applications of educational technology.
Restrictions:
• Must have the following level: Graduate

SPE593. Special Ed Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

SPE594. Fieldwork in Autism Studies. 0 Credits.
Restrictions:
• Must have the following level: Graduate

SPE595. Indep Study Special Ed. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

SPE700. Educating Special Learners . 5 Credits.
This course will examine issues related to the education of learners with special needs, including the philosophical, historical, social, and legal foundations of special education; characteristics of learners with disabilities; employment and independence for learners with disabilities; and professionalism and ethical practices. The course will also offer students field-based experiences working with learners with disabilities in educational programs that address a wide range of academic, social, and transitional needs.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Literacy Ed and Adol Spec Ed (029B)
  • Adol Special Ed and Lit Ed (059A)
  • Special Ed:Adolescence Ed. (060G)
  • Adol Special Ed and Lit Ed (059G)
  • Special Ed: Adolescence Ed (060A)
  • Special Ed: Childhood Ed (060C)
  • Special Ed: Early Childhood Ed (060E)
  • Literacy Ed and Child Spec Ed (029A)
  • Child Special Ed and Lit Ed (059C)

SPE701. Educational Assessment of Learners with Disabilities . 5 Credits.
This course explores critical issues in the educational assessment process and focuses on the use of informal and formal assessment strategies to identify and assess learners with disabilities. This course offers students field-based experience in assessing the educational performance of learners with disabilities.
Prerequisites:
• SPE 700 (may be taken concurrently) with a minimum grade of B-
SPE702. Teaching Math, Science and Technology in Inclusive Classrooms. 3 Credits.
This course examines methods for planning, implementing, and evaluating instructional strategies for students with disabilities, particularly in the areas of math, science, and technology. It emphasizes differentiating instruction based upon learner characteristics, learning environment, curriculum and standards.

Prerequisites:
• SPE 700 with a minimum grade of B-

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Adolescence Ed. (060G)
  • Special Ed: Early Childhood Ed (060E)
  • Special Ed: Adolescence Ed (060A)
  • Special Ed: Childhood Ed (060C)

SPE703. Research in Special Education . 3 Credits.
Reviews current issues in special education research. Students design and execute a research project addressing their interest.

Prerequisites:
• SPE 700 (may be taken concurrently) with a minimum grade of B-

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Literacy Ed and Adol Spec Ed (029B)
  • Adol Special Ed and Lit Ed (059A)
  • Special Ed: Adolescence Ed. (060G)
  • Adol Special Ed and Lit Ed (059G)
  • Special Ed: Adolescence Ed (060A)
  • Special Ed: Childhood Ed (060C)
  • Special Ed: Early Childhood Ed (060E)
  • Literacy Ed and Child Spec Ed (029A)
  • Child Special Ed and Lit Ed (059C)

SPE706. Working with Learners with Emotional/Behavioral Problems . 3 Credits.
Students with emotional/behavioral problems will be studied through analysis of case studies.

Restrictions:
• Must have the following level: Graduate

SPE710. Practicum in Special Education . 6 Credits.
This course provides students with the opportunity to teach childhood learners with disabilities in a school setting under the direction of a cooperating teacher and a university supervisor.

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Childhood Ed (060C)
  • Special Ed: Adolescence Ed (060A)

SPE712. Learning Environments for Students with Autism Spectrum Disorders. 3 Credits.
This course will focus on planning and implementing safe, positive, supportive and universally designed learning environments. Teaching prosocial skills, and employing evidence-based best practices for including students with Autism Spectrum Disorders in general education settings will be included.

Restrictions:
• Must have the following level: Graduate

SPE720. Teaching Students with Learning Disabilities . 3 Credits.
A study of students with learning disabilities including an emphasis on diagnosis and prescription. Different theories of learning disability are examined.

Restrictions:
• Must have the following level: Graduate

SPE728. Seminar in Special Education . 3 Credits.
Explores selected problems in the education of learners with disabilities.

Restrictions:
• Must have the following level: Graduate

SPE731. Literacy and Social Studies Inst. for Childhood Learners w/Disabilities . 5 Credits.
This course will examine methods for planning, implementing, and evaluating instructional strategies for students with disabilities on the childhood level, particularly in the areas of literacy and social studies. Emphasis will be placed on methods for differentiating instruction based upon learner characteristics, learning environment, curriculum and technology considerations, and state, and national standards.

Prerequisites:
• SPE 700 (may be taken concurrently) with a minimum grade of B- and SPE 701 (may be taken concurrently) with a minimum grade of B-

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Childhood Ed (060C)
  • Special Ed: Early Childhood Ed (060E)
  • Child Special Ed and Lit Ed (059C)
SPE732. Learning Environments for Childhood Learners with Disabilities. 3 Credits.
This course will focus on planning and implementing safe, positive and supportive learning environments. Teaching prosocial skills, and employing best practices for including childhood learners with disabilities in general education settings will be included.
Prerequisites:
• SPE 700 (may be taken concurrently) with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Early Childhood Ed (060E)
  • Special Ed: Childhood Ed (060C)
  • Literacy Ed and Child Spec Ed (029A)
  • Child Special Ed and Lit Ed (059C)

SPE733. Practicum in Childhood Special Education. 6 Credits.
This course provides students with the opportunity to teach childhood learners with disabilities in a school setting under the direction of a cooperating teacher and a university supervisor.
Prerequisites:
• SPE 700 with a minimum grade of B- and SPE 701 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Child Special Ed and Lit Ed (059C)
  • Special Ed: Childhood Ed (060C)
  • Literacy Ed and Child Spec Ed (029A)

SPE741. Literacy and Social St. Instr. for Adol. Learners w/Disabilities. 5 Credits.
Examines methods for planning, implementing, and evaluating instructional strategies for students with disabilities on the adolescent level, particularly in the areas of literacy and social studies. It emphasizes differentiating instruction based upon learners, environment, curriculum, and standards.
Prerequisites:
• SPE 700 with a minimum grade of B- and SPE 701 with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Adolescence Ed. (060G)
  • Adol Special Ed and Lit Ed (059G)
  • Special Ed: Adolescence Ed (060A)
  • Literacy Ed and Adol Spec Ed (029B)
  • Adol Special Ed and Lit Ed (059A)

SPE742. Learning Environments for Adolescent Learners with Disabilities. 3 Credits.
This course will focus on planning and implementing safe, positive and supportive learning environments. Teaching prosocial skills, and employing best practices for adolescent learners with disabilities in general education settings will be included.
Prerequisites:
• SPE 700 (may be taken concurrently) with a minimum grade of B-
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Adolescence Ed. (060G)
  • Adol Special Ed and Lit Ed (059G)
  • Special Ed: Adolescence Ed (060A)
  • Literacy Ed and Adol Spec Ed (029B)
  • Adol Special Ed and Lit Ed (059A)

SPE750. Collaboration Strategies for Educators. 3 Credits.
Offers information, theories, resources, and guidelines to help educators enhance their ability to collaborate effectively with families, other professionals, and community members to support the teaching and learning processes.
Restrictions:
• Must have the following level: Graduate

SPE753. Practicum in Early Childhood Special Education. 6 Credits.
Provides teacher candidates with the opportunity to teach young children with disabilities in a school setting under the direction of a cooperating teacher and a university supervisor.
Prerequisites:
• SPE 700 with a minimum grade of B- and SPE 701 with a minimum grade of B-
• SPE 731 with a minimum grade of B- and SPE 732 with a minimum grade of B-
SPE761. Working with Families of Students with Disabilities. 3 Credits.
An investigation of various problems confronting parents, siblings, and other members of the family of persons with disabilities. Such issues as schooling, personal-social adjustment, vocational adjustment, and independent living arrangements are addressed.
Restrictions:
• Must have the following level: Graduate

SPE793. Special Ed Selected Topic. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

SPE794. Field Experience Spec Ed. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Childhood Ed (060C)
  • Special Ed: Adolescence Ed (060A)

SPE795. Indep Study Special Ed. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration):
  • Special Ed: Childhood Ed (060C)
  • Special Ed: Adolescence Ed (060A)

SPE798. Young Children with Disabilities. 3 Credits.
This course examines current issues, research, and best practices to support successful programming for young children with disabilities (birth to eight years) and their families.
Prerequisites:
• SPE 700 with a minimum grade of D- and SPE 701 with a minimum grade of D-

Restrictions:
• Must have the following level: Graduate
• Must have the following field(s) of study (major, minor or concentration): Special Ed: Early Childhood Ed (060E)

Study Abroad (SAB)
SAB500. Study Abroad France. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

SAB501. Study Abroad France. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

SAB502. Israel-Disaster Mental Health. 1 Credit.
Restrictions:
• Must have the following level: Graduate

SAB503. Archaeology in Croatia. 3-6 Credits.
SAB504. Cultural Engagement in Guatemala: Art, Activism, and Social Justice. 1-12 Credits.
This class will introduce you to the role that activism and artistic practices have had in struggles for human rights and in creating conditions for achieving social justice in contemporary Guatemala. The course will give you historical and cultural tools to help you understand the political and cultural challenges different communities have faced, and are still facing, as they try to achieve social justice in the country. Through service learning, lectures and visits to historical and cultural sites, we will attempt to understand the internal structures of class, race and gender, as well as external geopolitical forces that have created unequal, exploitative conditions in the country. We will focus on past authoritarian regimes and repressive practices that still have deep effects in contemporary Guatemalan culture, while also exploring past and current social movements and contestatory artistic practices that have resisted these genocidal forces. Although Guatemala is now a democratic country, exploitation, marginalization, and other issues that keep reproducing unequal conditions for different communities are still pervasive. This program will give you the unique opportunity of engaging with activists who work every day to better conditions of indigenous people, migrants, women, and children. It will also give you the chance of meeting artists who work to preserve and disseminate Guatemala's unique culture, to make visible social contradictions, and to imagine new ways of achieving social justice.

SAB515. Guatemala Art Education. 1-12 Credits.
SAB530. Study Abd Business. 1-12 Credits.
SAB539. Ethiopia Deaf Study Abroad. 3 Credits.
SAB542. Study Abroad. 6 Credits.
Restrictions:
• Must have the following level: Graduate

SAB546. Study Abroad N Zealand. 3-12 Credits.
SAB552. London Art Seminar. 3 Credits.
Restrictions:
• Must have the following level: Graduate

SAB556. Business in Switzerland. 1-12 Credits.
SAB563. Mathematics Education in South Africa. 12 Credits.
SAB570. On-Site Study Art History. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

SAB574. Study Abroad Spn/A and A. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

SAB578. Art History Abroad. 3-12 Credits.
SAB582. International Social Welfare. 3-6 Credits.
Restrictions:
• Must have the following level: Graduate

SAB583. Business in Europe. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate
SAB584. Business Studies in Europ. 1-12 Credits.
SAB585. Study Abroad - IPSL. 1-12 Credits.
International Partnership for Service Learning.
SAB593. IP Selected Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

SAB595. Study Abroad Independent Study. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

SAB598. Study Abroad Other SUNY. 3-12 Credits.
Restrictions:
• Must have the following level: Graduate

Theater Arts (THE)
THE593. Theatre Art Select Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

THE594. Fieldwork In Theatre Art. 0 Credits.
Restrictions:
• Must have the following level: Graduate

THE595. Indep Study Theatre Arts. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate

THE795. Indep Study Theatre Arts. 0 Credits.
Restrictions:
• Must have the following level: Graduate

Women's, Gender, & Sexuality St (WOM)
WOM515. Women and Health. 3 Credits.
Women's health issues from an interdisciplinary perspective. History and structure of the medical establishment as it affects women consumers. Designed for lay persons, this course will increase understanding of women and health care, and foster informed decision making.
Restrictions:
• Must have the following level: Graduate

WOM593. Women Study Select Topic. 3-12 Credits.
Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.
Restrictions:
• Must have the following level: Graduate

WOM594. Women's Studies Fieldwork. 3-12 Credits.
Women's Studies Fieldwork.
WOM595. Indep Study Womans Studies. 1-12 Credits.
Restrictions:
• Must have the following level: Graduate
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