SCHOOL OF ARTS AND SCIENCES

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Departments
• Anthropology
• Art
• Biology
• Chemistry
• Computer Science
• Economics
• English and Communication
• Geology
• History
• Mathematics
• Modern Languages
• Philosophy
• Physics
• Politics
• Psychology
• Sociology and Criminal Justice Studies
• Theatre and Dance

Department of Anthropology
Contact Person: Hadley Kruczek-Aaron, Chair
118B MacVicar, 315-267-2072, kruczehf@potsdam.edu

Professors: Steven Marqusee, Susan Stebbins
Associate Professors: Alan Hersker, Hadley Kruczek-Aaron,
Morgan Perkins, Jaimin Weets
Assistant Professors: Jennifer Campbell, Nasser Malit, Timothy Messner

Anthropology Major (B.A.)
38-39 credit hours required.
All courses are 3 credits unless noted. Credits are divided as follows:

Required Courses

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ANTH 201</td>
<td>Human Origins (4 credits)</td>
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<tr>
<td>ANTH 202</td>
<td>Cultural Anthropology (4 credits)</td>
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<td>ANTH 203</td>
<td>Language and Culture (4 credits)</td>
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<tr>
<td>ANTH 204</td>
<td>Archaeology (4 credits)</td>
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<tr>
<td>ANTH 305</td>
<td>Applying Anthropology</td>
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<tr>
<td>ANTH 391</td>
<td>Anthropological Theory</td>
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<td>ANTH 393</td>
<td>Professionalism in Anthropology</td>
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<tr>
<td>ANTH 480</td>
<td>Senior Seminar (4 credits)</td>
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Electives
9-10
6 credit hours of anthropology electives (3 credit hours must be at the upper division); 3 credit hours in anthropology at the 400-level.

The elective courses a student takes to complete the major will be chosen in consultation with the adviser.

Recommended Coursework Outside the Major
The Department of Anthropology encourages majors to work closely with their advisers in planning coursework to satisfy postgraduate objectives.

Study Abroad Opportunities
The Department of Anthropology encourages students to study abroad as one of the best ways to achieve understanding of other cultures. Special opportunities are available to complete part of the requirements for the anthropology major through programs of study abroad. For example, students may choose archaeology or cultural anthropology in Puebla, Mexico; women and development in Ghana; aboriginal studies in Australia; or Irish studies in Cork, Ireland, to name just a few of the places where students can study wholly or partly in English. The Office of International Education provides information about overseas study and assists students with planning their programs abroad.

Senior Seminar
The Department of Anthropology believes that all students who graduate with an anthropology major should have had an experience with another culture or anthropological task-something beyond a library term paper. Though not all students can be expected to do extracurricular activities while a major, they can at least be asked to prepare through coursework for the anthropological experience. A portion of Senior Seminar is dedicated for speaking and writing reflectively as an anthropologist to come to grips intellectually and emotionally with the experience.

Special Notes
1. The Department of Anthropology requires that students earn a minimum grade of 2.0/S* in all courses counted toward the major.
2. No student may repeat a Department of Anthropology course more than two times without written permission of the instructor, the department chair and the dean.
3. Students may only “double-count” two courses for an additional major or minor.

Archaeological Studies Major (B.A.)
32-36 credit hours required.

Archaeology in recent years has become much more interdisciplinary than it has ever been in the past. Therefore, it is critical that students pursuing careers in archaeological studies receive interdisciplinary training. The program we offer provides many of the same components as the larger specialized university programs. The major requires introductory work in American archaeology (from the Department of Anthropology), survey of art and architecture from the ancient to modern periods (from the Department of Art) and physical and historical geology (from the Department of Geology). Upper-division requirements include courses dealing with Old World archaeology, New World archaeology and applied technical areas. Historical sciences, such as archaeology, deal with incomplete knowledge from the past. Successful archaeologists, therefore, must develop acute problem solving and critical thinking skills. The interdisciplinary nature of the proposed major assures that our students will be familiar enough with the appropriate related disciplines to accomplish this. The major will also provide the appropriate knowledge and skills for more specialized careers in conservation, museology and service in government agencies such as the National Park Service.

All courses are 3 credits unless noted. Credits are divided as follows:

Required Courses

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ANTH 204</td>
<td>Archaeology (4 credits)</td>
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<tr>
<td>ARTH 101</td>
<td>Survey of Art: Ancient to Renaissance</td>
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<tr>
<td>One of the following:</td>
<td>ARTH 102</td>
<td>Survey of Art: Renaissance to Modern</td>
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<tr>
<td>ARTM/ANTH 270</td>
<td>Museum Studies</td>
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<tr>
<td>GEOL 103</td>
<td>Physical Geology</td>
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<tr>
<td>GEOL 204</td>
<td>Historical Geology</td>
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<tr>
<td>ANTH 417</td>
<td>Archaeological Procedures (4 credits)</td>
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ANTH 315  Field Archaeology (3-6 credits)
or other field experience approved by
archaeological studies faculty

Elective Courses  9-10
One from each group. Additional courses may be used with approval
from the Archaeological Studies Coordinator or Department Chair.

Group A: The Old World
ANTH 356  Neanderthals: Fact, Fiction & Fantasy
ANTH 367  The Prehistory of Europe
ARTH 310  Greek Art and Architecture
ARTH 311  Roman Art and Architecture
ARTH 351  Late Antique Art
ARTH 385  Art and Archaeology of the Classical World;
same as ANTH 352
ARTH 451  Ancient Painting
HIST 301  Ancient and Medieval Europe
HIST 321  Ancient Greece and Rome
HIST 322  Ancient Middle East
HIST 326  Egypt in Late Antiquity
HIST 463  Ancient Magic

Group B: The New World
ANTH 350  Archaeology of Mexico & Central America
ANTH 359  African American Archaeology
ANTH 362  Historical Archaeology
ANTH 363  Archaeology of Eastern U.S.
HIST 311  Indians and Iberians

Group C: Applied Sciences
ANTH 316  Archaeological Laboratory Techniques
ANTH 319  Public and Private Archaeology
ANTH 347  Humans, Disease & Death
ANTH 354  Environmental Archaeology
ANTH 365  Archaeology of Death
ANTH 380  Human Osteology
ANTH 402  Forensic Anthropology
ANTH 410  Advanced Archaeological Research (4 credits)
ANTH 450  Zooarchaeology
ANTH 455  Cannibalism (4 credits)
ANTH 457  Dental Anthropology
ANTH 461  Material Culture
GEOL 301  Sedimentary Geology (4 credits)
GEOL 405  Structural Geology (4 credits)
GEOL 406  Geomorphology
GEOL 407  Geophysics (4 credits)

Recommended Coursework Outside the Major
The Archaeology faculty encourages majors to work closely with their
advisers in planning coursework to satisfy postgraduate objectives.

Special Notes
1. Students must earn at least a 2.0/S grade for all courses to be counted
   for the major.
2. Students may only "double-count" two courses for an additional
   major or minor.

Anthropology Minor
18-21 credit hours required.
The Anthropology Department requires that students earn a minimum
grade of 2.0/S* in all courses counted toward the minor. Closed to
Anthropology majors.

All courses are 3 credits unless noted. Credits are divided as follows:

Required Courses  12-15
All of the following required, with at least one course at the
100- or 200-level.
Archaeology: ANTH 204 preferred (3-4 credits)
Biological Anthropology: ANTH 201 preferred (3-4 credits)
Cultural or Linguistics Anthropology: ANTH 202 or 203 preferred
(3-4 credits)
ANTH 393  Professionalism in Anthropology

Electives
300-level and above
6

Procedures for Declaring this Minor
Minors must be registered within the Anthropology Department and
a minor adviser chosen before more than 3 credit hours of the electives
have been completed.

Archaeology Minor
19-23 credit hours required.
The Department of Anthropology requires that students earn a minimum
grade of 2.0/S* in all courses counted toward the minor. No more than
two courses may count toward both the Archaeology minor and the
major. At least three courses must be taken at the upper division level.

Many anthropology students become majors because of an interest in
archaeology. The Archaeology minor offers students an opportunity to
achieve formal recognition of this interest. The required core of courses
gives students a basic grounding in archaeological theory and methods as
well as a survey of world archaeological developments and a knowledge
of those disciplines critical to modern archaeology.

All courses are 3 credits unless noted. Credits are divided as follows:

Required Courses
ANTH 204  Archaeology (4 credits)
ARTH 101  Survey of Art: Ancient to Renaissance
One of the following:
   GEOL 103  Physical Geology
   GEOL 204  Historical Geology

Electives
9-13
One from each group below. Additional courses may be used with
approval from the Archaeological Studies Coordinator.

Group A: Old World
ANTH 356  Neanderthals: Fact, Fiction, Fantasy
ANTH 367  The Prehistory of Europe
ARTH 310  Greek Art and Architecture
ARTH 311  Roman Art and Architecture
ARTH 351  Late Antique Art
ARTH 385  Art and Archaeology of the Classical World;
same as ANTH 352
Anthropology

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ARTH 451  Ancient Painting
HIST 301  Ancient and Medieval Europe
HIST 321  Ancient Greece and Rome
HIST 322  Ancient Middle East
HIST 326  Egypt in Late Antiquity
HIST 463  Ancient Magic

Group B: New World
ANTH 350  Archaeology of Ancient Mexico & Central America
ANTH 359  African American Archaeology
ANTH 362  Historical Archaeology
ANTH 363  Archaeology of Eastern U.S.

Group C: Applied Sciences
ANTH 316  Archaeological Laboratory Techniques
ANTH 319  Public and Private Archaeology
ANTH 347  Humans, Disease & Death
ANTH 354  Environmental Archaeology
ANTH 365  Archaeology of Death
ANTH 380  Human Osteology
ANTH 402  Forensic Anthropology
ANTH 410  Advanced Archaeological Research
ANTH 450  Zooarchaeology
ANTH 455  Cannibalism (4 credits)
ANTH 457  Dental Anthropology
ANTH 461  Material Culture
GEOL 301  Sedimentary Geology (4 credits)
GEOL 405  Structural Geology (4 credits)
GEOL 406  Geomorphology
GEOL 407  Geophysics (4 credits)

Biomedical Anthropology Minor

The Department of Anthropology requires that students earn a minimum grade of 2.0/S* in all courses counted toward the minor. No more than two courses may count toward both the Biomedical Anthropology minor and the Anthropology or Archaeology major.

Biomedical anthropology incorporates theory and practice from all areas of anthropology, particularly biological and cultural approaches to health and disease. This minor offers students – both anthropology majors and non-majors – the opportunity to gain experience in the field by studying the cross-cultural and evolutionary aspects of health and disease, healing systems, human variation, growth and development. Students interested in other areas may arrange an independent research project.

All courses are 3 credits unless noted. Credits are divided as follows:

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<tr>
<th>Credits</th>
<th>Required Courses</th>
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<tbody>
<tr>
<td>11</td>
<td>ANTH 202 Cultural Anthropology (4 credits)</td>
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<tr>
<td></td>
<td>ANTH 201 Human Origins (4 credits)</td>
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<td></td>
<td>ANTH 345 Medical Anthropology</td>
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<tr>
<th>Credits</th>
<th>Electives</th>
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<td>9-12</td>
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At least two courses must be taken in Anthropology, at least courses two must be upper division, at least one must course must be taken outside of Anthropology. Additional courses may be used with approval from the Department Chair.

ANTH 150  Human Sexuality
ANTH 155  World Hunger
ANTH 184  Primates
ANTH 321  Cross-Cultural Aspects of Women’s Health
ANTH 322  Cross-Cultural Aspects of Mental Health
ANTH 346  Human Sexuality 2
ANTH 347  Humans, Disease and Death
ANTH 355  World Food
ANTH 380  Human Osteology
ANTH 383  Genes and People
ANTH 402  Forensic Anthropology
ANTH 403  Advanced Biological Anthropology Research
ANTH 411  Anthropology of AIDS
BIOL 105  Introduction to Human Genetics
BIOL 107  Human Biology
BIOL 210  Human Anatomy and Physiology
SOCI 460  Population Studies
HLTH 333  Human Nutrition
HLTH 385  Epidemiology and Statistics

Museum Studies Minor

19 semester hours required.

Contact Person: Morgan Perkins, MacVicar 130A, 315-267-2593, perkinmb@potsdam.edu

The Museum Studies minor introduces students to museum theory and practice through coursework, applied museum work and internships that will qualify them for careers in museums and a wide range of related professions. As a forum for the collection, preservation and display of material culture, museums will be examined in historical and cross-cultural perspectives. The Charles T. Weaver Museum of Anthropology, the Art Museum and the College Archives will provide opportunities on campus to observe and participate in the various functions of museums.

As the capstone experience for the minor, students will complete two museum internships. Students will develop and complete a range of potential projects with the supervision of a sponsor from the host institution. Internships should be arranged through consultation with the Director of Museum Studies.

Ideally the first internship should be completed locally or on campus at either the Weaver Museum of Anthropology, the Art Museum or the College Archives. Longer internships may be pursued for additional credit hours.

All courses are 3 credits unless noted. Credits are divided as follows:

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<tr>
<th>Credits</th>
<th>Required Courses</th>
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<tbody>
<tr>
<td>16</td>
<td>ANTH/ARTM 270 Museum Studies</td>
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<td></td>
<td>ARTM 320 Museum Practices</td>
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<td></td>
<td>ANTH 320 Museum Archives and Exhibits (4 credits)</td>
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<td></td>
<td>ANTH/ARTM 470 Museum Internship/Tutorial (6 credits)</td>
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</tbody>
</table>
Electives 3
Students should select one elective, and a course outside of the major is recommended. Additional or alternative courses may be used with approval from the Director of Museum Studies.

ANTH/ARTH 358 Cross-Cultural Approaches to Art
ANTH 461 Material Culture
ANTH 395 Folklore
ARTH 464 Foundations of Modern Art
ARTH 465 Issues in Contemporary Art
ANTH 385 Art and Archaeology of the Classical World
ANTH/ARTM 496 Special Topics in Museology
HIST 323 Middle East: Alexander to Islam
HIST 450 Modern American Oral History

A grade of 2.0 or better must be achieved in all courses. Students may only ‘double-count’ two courses for an additional major or minor. Prerequisites may apply to many of the courses listed for the minor. For more information, see page 80.

**Certificate in Applied Anthropology**

13-16 credit hours required.

The certificate, awarded by the department in recognition of significant applied scholarship, emphasizes the methodological skills and professional practices necessary for employment as an applied anthropologist. Students will learn about ethical considerations inherent in applied work, how to gather and analyze data, and how to write grants and proposals. In the applied internship, students design, research, and implement a project for a community-based organization, non-governmental organization, cultural resource management group or other public or private sector employer. Students will have the opportunity to present their projects at department colloquia and professional meetings.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Required Courses</th>
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<tbody>
<tr>
<td>ANTH 305 Applying Anthropology*</td>
<td>3-6</td>
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<tr>
<td>One of the following:</td>
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<tr>
<td>ANTH 319 Public &amp; Private Archaeology</td>
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<td>ANTH 393 Professionalism in Anthropology</td>
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<td>ANTH 430 Applied Anthropology (4 credits)</td>
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<tr>
<td>ANTH 491 Internship in Applied Anthropology (3-6 credits)</td>
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*This course has a prerequisite of one of ANTH 201, 202, 203, 204 or 270.

**Notes**

- Regular SUNY Potsdam admissions requirements apply.
- The certificate will be available to both matriculated and non-matriculated students who have completed significant course work in anthropology.
- Students must apply for admission into the certificate program prior to enrolling in ANTH 491.
- Courses fulfilling certificate requirements may also fulfill requirements for the major or minor, but students may only “double count” two courses.
- Students must obtain an average of 2.0 in courses that are counted towards the certificate.
- Substitutions can be made only with the approval of the Anthropology department chair.
- The Anthropology department chair will certify the completion of certificate requirements.
- Students must complete the certificate requirements within five years.

**Anthropology Course Descriptions**

ANTH 195, 295, 395, 495 – Special Topics (1-12)

ANTH 198, 298, 398, 498 – Tutorial (1-3)

ANTH 100 – Riddles of the Past (3) Topics such as influence from outer space on rise of civilizations, prehistoric transoceanic contacts, and a variety of others are discussed. Central to the course is a discussion of how archaeology works and how it has changed through time. Gen Ed: XC credit. Fall and Spring.

ANTH 104 – Great Discoveries in Art and Archaeology (3) Examines some great discoveries in the history of art and archaeology. Cultures studied include those in Africa and the Americas, and ancient Egypt, Greece, and Rome. Topics include discovery of tomb of Tutankhamen, invention of photography, excavation of Teotihuacan Mexico, and Chinese Bronze technology. Prerequisite: an FS course. Gen Ed: XC and SI. Cross listed as ARTH 104. As warranted.

ANTH 106 – Ancient People and Places (3) This survey of world prehistory illustrates the varied perspectives and techniques of archaeology. Case studies highlight ancient places and the people who lived in them. Gen Ed: XC credit. Fall and Spring.

ANTH 107 – World Cultures (3) This course surveys the diverse cultures of the world using case studies in anthropology. We will pay particular attention to cultural relativism, the interconnections between different cultural systems, and culture change. Gen Ed: XC credit. Spring.

ANTH 108 – Worlds of English (3) This introductory course explores the history of English and looks at its use today as a global and a vehicle of emerging national and ethnic identity. In exploring the evolution of English from an Anglo-Saxon creole to language of world dominance, we will come to understand better the diverse peoples who use English and the social, cultural, and political contexts of its use. Gen Ed: SA credit. Fall and Spring.

ANTH 111 – Introduction to Anthropology (3) This course focuses on the discipline of anthropology. We will learn about the different subdisciplines of anthropology: cultural, biological, linguistics, archaeology and applied anthropology and how each collects and analyzes data. We will learn about the similarities and differences between cultures and why they exist. We will learn how anthropology may be applied to future issues and how it may contribute to your future. Gen Ed: XC credit. Fall and Spring.

ANTH 115 – Historical Archaeology of New York State (3) This class introduces you to the field of historical archaeology with a special focus on archaeological sites excavated in NYS and dating from the Contact Period to the early 20th century. Through case studies, you will learn about what historical archaeologists have revealed about the everyday lives of a range of New Yorkers who helped make history here. The experience of those traditionally left out of our history books but often revealed in the archaeological record will be highlighted. Gen Ed: TC credit. As warranted.

ANTH 120 – Evolution (3) From a scientific view, evolution itself simply means “change over time,” and it is an observation of the world, not a theory. Charles Darwin hypothesized that the change in species he saw was caused by “natural selection.” His ideas shook the scientific and religious world, and this upheaval continues today. In this course, we will explore the origins of evolutionary thought, the ways evolution occurs, and how natural selection and the other evolutionary forces have shaped the world around us. Gen Ed: SB credit. Fall.

ANTH 130 – The Native Americans (3) A general survey class which examines Native American societies of North America. The diversity of Native American societies is studied from an anthropological perspective that includes language, kinship, political economy, oral tradition and religious belief both historically and currently. Gen Ed: XC credit. Fall.

ANTH 132 – Games People Play (3) Sport and leisure activities are more than idle play. Cultures around the world have produced a wide variety of ways for people...
to relax, exercise and compete. Looking closely at these activities we may see how closely these seemingly simple games are tied to other aspects of a culture such as religion, economy or gender roles. We will look at the origins of a number of games, past and present, from around the world, learn the rules that govern them, how they have changed and discuss how they reflect many facets of the cultures in which they take place. Gen Ed: XC credit. As warranted.

ANTH 135 – The Arab World (3) An introduction to the fundamental nature of the modern Arab World with examination of the broad, sweeping questions that U.S. students ask or need to ask about the contemporary realities and past of the Arab world. Lectures and discussion focus on topics such as the nature of Arab societies, religion, history/geography, culture and politics. Problems of culture are examined in greatest detail. As warranted.

ANTH 140 – World Art and Culture (3) This course is an introduction to the expression of culture through art and visual display. We will explore how cultures throughout the world define identity through body decoration, painting, sculpture, film, museums, pop culture and other activities. The symbolic and visual meanings will be placed in the context of other categories such as religion, gender and ethnic identity. Gen Ed: XC credit. Fall.

ANTH 150 – Human Sexuality (3) Biological, evolutionary and social aspects of human sexuality, examined from a cross-cultural perspective. Gen Ed: XC credit. As warranted.

ANTH 155 – World Hunger (3) A multidisciplinary approach to explaining the prevalence of malnutrition worldwide. A variety of solutions to be examined critically. Students engage, singly or in groups, in action projects to confront the hunger problem. As warranted.

ANTH 160 – Exploring Language (4) We are, in undeniable ways, what we speak! Language lies at the heart of who we are and what we might be and it informs our conceptions of reality. In this course we explore how humans manipulate language and how we are manipulated by it. We will employ scholarly readings, fiction, poetry, and film to define language, explore it as a human attribute, and investigate its role in defining us as social beings. Gen Ed: FW credit. As warranted.

ANTH 161 – Origins of Language (4) Perhaps no aspect of our behavior appears so uniquely human as language. But when did language appear? How is human language different from the communication of other creatures? How is the appearance of language related to tool use, evolving social structure, abstract thought, and self-awareness? Is there evolutionary continuity between animal and human minds? Recognizing that it is unlikely that a single factor is, in itself, responsible for the evolution of language, this course draws on research from such diverse areas as linguistics, biological anthropology, archaeology, cultural anthropology, psychology and neurology to explore ways of answering these questions. Gen Ed: FW credit. As warranted.

ANTH 184 – The Primates (3) This class concentrates on the behavior, biology, and socioecology of primates, with special attention paid to the relationship between humans and the other primates. Fall.

ANTH 201 – Human Origins (4) An introduction to physical anthropology, which is the study of human variability and adaptation. We will study the concepts of evolution, genetics, primatology, skeletal biology, and demography using the scientific framework of theory testing. These will build a foundation of knowledge that will allow us to explore human origins and evolution, and understand modern human diversity using the perspectives of different scientific fields. Gen Ed: SB & LB credit. Lab section required. Spring.

ANTH 202 – Cultural Anthropology (4) A survey of the subdiscipline of anthropology that uses the concept of culture to interpret human history and behavior in all societies and at all times. Introduction to the various research methods of cultural anthropology. Emphasis is placed on the application of social and cultural concepts when analyzing behavior. The lab component of the course will give students training in a number of ethnographic data collection and analysis techniques commonly used by cultural anthropologists. Labs will include informal and semi-structured interviews, ethnno-semantic domains, genealogy, survey design, archival research, social networks, comparative analysis, and fieldwork ethics. Gen Ed: XC credit. Lab section required. Fall.

ANTH 203 – Language and Culture (4) This course looks at language as a set of cultural practices. We will discuss the structure of language, language change, regional and social dialects, slang, gender and ethnicity. We will explore the function, nature and role of human language within cultural production, social institutions, and the construction of group and individual identities. The lab component will provide training in the collection and analysis of phonological, morphological, syntactic, semantic data from a variety of languages. Labs will include transcription of natural speech, comparative analysis of data to reconstruct proto forms, the analysis of gender influences on language, and the analysis of conversation and the effects of social attitudes on language use. Gen Ed: SA & XC credit. Lab section required. Spring.

ANTH 204 – Archaeology (4) Leads the student through the development of modern archaeological methods and theory to an examination of major questions posed by today's archaeological investigations. Students will learn how archaeologists use survey, excavation and laboratory analysis to reconstruct the past. Hands-on laboratory exercises will be used to explain how archaeology reveals ancient diets and environments, ancient economic, political and social systems, and ancient religions and rituals. Lab section required. Fall.

ANTH 270 – Museum Studies (3) History and purposes of museums, types and varieties; organizations and functions; role in culture and community; study of collections, curation, exhibition, research, grant writing, conservation and education. Gen Ed: AC & XC credit. Spring.

ANTH 301 – Issues in Physical Anthropology (3) Analysis topics in physical anthropology using recent literature, including human evolution and contemporary variation. Emphasizes interaction of culture and biology and uses evidence from paleontology, genetics, archaeology, primatology and cultural anthropology. Prerequisite: ANTH 201. As warranted.

ANTH 303 – Issues in Linguistic Anthropology (3) Introduction to techniques of linguistic (phonological, morphological and syntactic) analysis and their application in anthropological and literary research. Gen Ed: SA & WI. Spring, even years.

ANTH 304 – Elements of Linguistic Analysis (3) Provides a systematic inquiry into human language, centering on the study of phonology, morphology, syntax and semantics. Additional topics may include the rapidly growing areas of pragmatics, sociolinguistics, and psycholinguistics. As warranted.

ANTH 305 – Applying Anthropology (3) Today, about one-half of all professional anthropologists work in non-academic settings. Applied, or practicing, anthropologists may be trained in any or all of the sub-fields of anthropology and work in various contexts. This course will build on the ways in which anthropological theory and method are used practically in occupations related to health and medicine, international development, environment, government, business and education, immigration and poverty. Through an exploration of case studies, students will come to understand the ethical, financial, social, methodological and practical issues of applying anthropological theory to real-life situations. Prerequisite: ANTH 201, 202, 203, 204 or 270. Service Learning Course. Spring.

ANTH 306 – The Amish, The Mennonites and Anabaptism (3) Challenging the notion of a monolithic Eurocentric influence, this course explores the evolution of one dominant, western, Christian philosophy - Anabaptism - and investigates the ways in which this philosophy has influenced widely varying responses to different environmental, cultural, political, and historic conditions. In investigating the cultures of the Amish, Hutterites, and Mennonites, the goal will be to understand better the ways in which a people's belief system is shaped by particular cultural, economic, and social situations and, in turn, shapes the way in which adherents deal with these situations. Gen Ed: WC & WI credit. As warranted.

ANTH 309 – Religion, Magic and Witchcraft (3) This course explores the natures and functions of religion, witchcraft and magic in various social and cultural contexts. Spring, even years. As warranted.

ANTH 315 – Field Archaeology (6) Teaches basic principles and methods for locating, surveying and excavating sites, recording of archeological data, and preliminary processing, cataloging and analyzing of finds. Prerequisites: 100-level course in anthropology and permission of instructor. Summer.

ANTH 316 – Archaeological Laboratory Techniques (3) Preservation, preparation for preliminary analysis of results of field research (field data and artifacts). Prerequisite: permission of instructor. Spring.
ANTH 319 – Public and Private Archaeology (3) This course is designed to help students prepare to be professional archaeologists in the twenty-first century. Today, archaeologists find employment in a variety of institutions both inside and outside of academia. Although career options are numerous, there are certain fundamental skills that all archaeologists should possess to successfully and professionally operate in the modern world. These include, but are not limited to, good communication, presentation, and writing skills, and a working knowledge of legal and ethical issues within the discipline. In this course students will learn about the varied employment opportunities for archaeologists, develop knowledge and skills they will need as professional archaeologists, and produce tangible materials using these skills that will help them successfully enter the professional world of archaeology in the twenty-first century. As warranted.

ANTH 320 – Museum Archives and Exhibits (4) Advanced study in a course format, this course gives students experience in working with and solving problems posed by the basic functions of the museum, from administering collections (folklore, oral history, material culture) to designing and building exhibits, planning lecture series and developing public school programming. Spring.


ANTH 322 – Cross-cultural Aspects of Mental Health (3) Mental health is defined and discussed in terms of our human evolution, cultural mechanisms which promote mental health and challenges to it. Gen Ed: XC credit. As warranted.

ANTH 325 – Environmental Anthropology (3) This course examines cross-cultural evidence of the principal forms which the human-nature relationship has taken. Ecological principles and environmental problems faced by our species today are also addressed. Prerequisite: ANTH 201 or 202. Gen Ed: SI credit. As warranted.

ANTH 331 – Women in Native America (3) An examination of the various roles of women in Native American cultures and how an anthropological and feminist analysis of those roles has led to a re-examination of the development of gender roles. As warranted.

ANTH 332 – Native American Religions (3) An examination of the diversity of religions, rituals, symbols, ceremonies and myths found among the Native American populations of Mexico, Canada, and the United States. As warranted.

ANTH 333 – Indian Images (3) An examination of anthropological and other social science theories concerning Native Americans and how these theories were influenced and interpreted by the general populations of Europe and the Americas. Will examine journals, newspapers, books and films from 1492 to the present. As warranted.

ANTH 335 – Archaeology of the Wild West (3) The phrase “Wild West” conjures up images of gun-slinging cowboys, saloons, and noble Indians living close to nature, among many others. Although some of these notions may be accurate, many are more the product of Hollywood than an actual reflection of past life in western North America. In fact, the region has been romanticized to such an extent that it is difficult to distinguish myth from reality. In this class, we will explore many of the widely held ideas of the American West and examine what both prehistoric and historical archeology has revealed to either confirm or debunk these. In the process, we will learn about the many different peoples who have occupied western North America over the last 13,000 years, and better understand what the “West” was really like for them. Prerequisite: ANTH 106 or 204. As warranted.

ANTH 340 – Anthropology of Gender (3) What does it mean to be male or female? How do females and males learn their appropriate social roles? Particular attention paid to African and Native American cultures. Prerequisite: ANTH 150 or 202. Fall, even years.

ANTH 342 – Language and Gender (3) This course examines critically the interaction between language and gender. Beginning with an investigation of beliefs about language and about gender and the interaction between the two, the course proceeds to explore the research of male and female speech, seeking to understand the social, psychological, and linguistic processes that underlie sex differences in language use. Finally, in studying the role played by language, speech and communication in defining notions of “male” and “female,” the goal will be to understand better the way in which language reflects and reinforces social and cultural patterns of behavior and identity. Cross-listed as LNGS 342. Gen Ed: WI, SA credit. Fall, odd years.


ANTH 347 – Humans, Disease and Death (3) Humans, Disease, and Death explores disease from a broadly and explicitly evolutionary perspective. Infectious and chronic diseases have evolutionary origins. As humans have changed their behavior, demography, diet, and social organization, the diseases we are afflicted with have changed also. We will examine what diseases are, what causes them, how we have evolved with diseases, how disease patterns have changed over human history, and we will discuss the future of disease. Prerequisite: ANTH 201. As warranted.

ANTH 350 – Archaeology of Ancient Mexico & Central America (3) Archaeology of Mexican and Central American cultural groups from early times to Spanish conquest. Emphasis on archaeological reconstructions of major cultural groups. As warranted.

ANTH 352 – Art and Archaeology of the Classical World (3) Art and culture of ancient Greece and Rome as reflected in the paintings, sculpture and architecture revealed by archaeological excavation at the great sites of Troy, Knossos, Athens, Delphi, Rome and Pompeii. Cross-listed as ARTH 385. Fall.

ANTH 353 – World & US Geography (4) All students EXCEPT elementary education majors. Covers the nature of geography and its history, major theories and approaches used by geographers, the various types of maps and tools, major concepts in the fields of economic and political geography and how these systems interact on a global scale across political boundaries, and the various ways in which humans interact with environments around the world. Gen Ed: XC credit. As warranted.

ANTH 354 – Environmental Archaeology (3) This course emphasizes the methods of environmental archaeology (the study of past human interactions with the natural world) including zooarchaeology, archaeobotany, geoarchaeology, and behavioral analysis. We combine lab exercises, case study discussions, and participation in an on-going archaeological investigation using environmental archaeology techniques. As warranted.

ANTH 355 – World Food (3) The cultural and technical aspects of producing and distributing the world’s food supply are examined in their ecological and political contexts. Gen Ed: SA credit, some sections for WI credit. As warranted.

ANTH 356 – Neanderthals: Fact, Fiction & Fantasy (3) This course will examine two principal themes. The first theme will focus on Neanderthal biological evolution, cultural behavior, disappearance, and the origins of anatomically modern humans. Students will learn the basics of Neanderthal anatomy and behavior. The second theme is the misconceptions that surround the Neanderthal phase of human evolution. Students will examine how the entertainment industry, popular literature, the scientific community, and Western intellectual history have misinterpreted the importance of Neanderthals in our prehistoric past. As warranted.

ANTH 357 – Social Geography (4) This course introduces students to the physical environments of the world, human interaction with those environments, the world’s political units and the social issues that different countries and peoples of the world must face. We will be looking at several issues that are pertinent to our world today: ethnic struggles, racism, population trends, problems of urbanization, the effects of global market economies, environmental impacts, and others. Examples will be drawn from contemporary, recent and past cultures from around the world. As warranted.

ANTH 358 – Cross Cultural Approaches to Art (3) How can the term “art” be applied in a cross-cultural context? This course approaches the changing definitions of this category from both contemporary and historical perspectives. Our study will include material from four broad cultural areas in detail: Native American, Aboriginal Australian, African and Chinese. We will consider how contemporary artists in all four areas have had to negotiate between the continuity of tradition
and social change. The course will address broad topics such as the ritual use of art, authenticity, aesthetics, tradition and modernity, art education, social memory, politics and creativity. Fall.

ANTH 359 – African American Archaeology (3) This course explores African-American history as it has been reconstructed from the archaeological record. Focus will be on both contexts of slavery and freedom, and issues including race and representation will be highlighted. As warranted.

ANTH 360 – Cultures of Mexico and Central America (3) Culture of Mesoamerican from conquest to present day. Emphasis on effects of conquest and colonial governmental systems on indigenous cultures. Prerequisite: ANTH 202. As warranted.

ANTH 362 – Historical Archaeology (3) Explores the field of historical archaeology, including the theories, methods and techniques by which it is guided. Focuses primarily on archaeological sites in America from the colonial and contact period to the present. Students will consider how historical documents, ethnographic and oral accounts, and material culture can be studied to offer alternative perspectives on the past. As warranted.

ANTH 363 – Archaeology of Eastern U.S. (3) This course explores Native American lifeways of the Eastern United States from Paleoindian colonization through initial European contact. This course focuses on the archeological evidence and its interpretation. As warranted.

ANTH 364 – Oral History (3) Designed to familiarize the student with oral history as a method of inquiry concerning information about the past. Grapples with issues surrounding oral history, such as its validity, possible bias, elite vs. democratic historical perspectives, etc. Intellectual and technical aspects. Cross listed with HIST 450. Fall.

ANTH 365 – Archaeology of Death (3) This course concentrates on the information that archaeologists learn about past peoples from the excavation and analysis of their graves and cemeteries. After studying the variability and similarities in modern mortuary customs, we will turn to archaeological examples to apply what we see in those contexts. Students will examine local cemeteries and using the data collected as models for archaeological cemeteries. As warranted.

ANTH 367 – The Prehistory of Europe (3) This course is a survey of European prehistory that covers the time periods from the first peopling of Europe to the centuries just after the Roman conquest of significant territory on the continent. The focus of the course is on those societies beyond the borders of the well-known civilizations of the Mediterranean, where only archaeological research, or the utilization of historical accounts checked against archaeological research, can inform us of their cultural histories. From time to time, our scope will broaden to situate events, such as the peopling of Europe, the Neolithic Revolution and the rise of societal complexity in European prehistory, into a comparative, global context. Prerequisites: ANTH 204 or 201 or equivalents. As warranted.

ANTH 371 – Anthropology of China (3) This course explores the complex culture of China from an anthropological perspective. Issues concerning politics, gender, religion, economics, reputation, ethnicity and protest are considered in historical and contemporary contexts. As warranted.

ANTH 374 – Food for Thought: The Anthropology of Eating (3) The interplay between eating behavior and cultural institutions has had a tremendous impact on human behavior and behavior conversely influences anatomy and physiology. This course will look at the interrelationships between eating behavior, cultural institutions and human evolution. We will focus on scavengers, hunters and gatherers, pastoralists, horticulturists and agriculturalists discussing food procurement strategies, food preparation techniques, and eating behaviors. Students will prepare and eat a variety of foods common to each subsistence strategy. As warranted.

ANTH 375 – Anthropology Through Film (3) This course explores the discipline of anthropology as it has been portrayed in film. Special emphasis will be placed on critical analysis of a variety of films for anthropological content. As warranted.


ANTH 383 – Genes and People (3) A forum for undergraduate students to learn to apply the concepts of genetics to anthropology, and to use genetic information to understand more about human evolution and diversity. As warranted.

ANTH 386 – Folklore and Folk Culture (3) Folklore includes everyone! We are all the folk, and we all participate in folklore practices in our lives in many different ways. This course explores folklore and its role in cultural expression, looking at different types of folklife and how folklorists collect and interpret material for public consumption. As warranted.

ANTH 387 – Advanced Human Paleontology (3) Human fossil record to be carefully scrutinized, including both evidence of the fossil record and assumptions that have historically guided our interpretation of the record. Prerequisite: ANTH 201. As warranted.

ANTH 390 – Classics in Anthropology (3) This course is an overview of classic ethnographies written at different historical points and from different theoretical perspectives. As warranted.

ANTH 391 – Anthropological Theory (3) This course examines historical and contemporary theories in anthropology. It focuses on the relationship between ethnography and social theory and traces the genealogies of central questions about the nature of society and culture. In the first part of the course, we will discuss the intellectual frameworks of 18th and 19th century societal theorists in Europe and the emergence of anthropology as a discipline. We will then focus on the key theorists whose ideas shaped future anthropological inquiry into culture and humankind. We will also discuss how the works of these theorists have influenced contemporary paradigms in anthropology. Prerequisites: Anthropology Majors/Minors only; Junior or Senior standing. Gen Ed: SI credit. Spring.

ANTH 392 – @Anthropology Teaching Methods (3) Anthropological teaching methods will be designed to give students practical teaching experience in anthropology including lecturing, exam preparation, and laboratory teaching. Fall and Spring.

ANTH 393 – Professionalism in Anthropology (3) This course covers both practical and theoretical aspects of the discipline. Topics include ethics, careers, and preparation of resumes, graduate school and grant proposal applications. Gen Ed: WI credit. Fall.

ANTH 402 – Forensic Anthropology (3) This hands-on class will explore techniques of the forensic anthropologist. Subjects will include skeletal identification of demographic characteristics, individual identification, forensic genetics, and the role of the forensic anthropologist. Prerequisite: ANTH 380. As warranted.

ANTH 403 – Advanced Biological Anthropology Research (3) This course offers an exciting opportunity for students to conduct in-depth research projects in biological anthropology under the class supervision of the instructor. Students will be required to do background research, formulate hypotheses, test the hypotheses using hands-on data interpretation and analysis, and complete a final report (paper or poster) based on their findings. As warranted.

ANTH 410 – Advanced Archaeological Research (4) This course offers experience with an in-depth research and analysis of field and laboratory components of real archaeological research. Experience the process of archaeological research from question formulation through data interpretation and presentation. Prerequisite: Junior or Senior standing. As warranted.

ANTH 411 – Anthropology of AIDS (3) HIV infection and AIDS examined from a cross-cultural, relativistic perspective which looks at epidemiological, medical and socio-cultural aspects of this phenomenon. Gen Ed: SA credit. Prerequisite: ANTH 150. As warranted.

ANTH 412 – Seminar in Women's Sexuality (4) The seminar in Women's Sexuality critically analyzes assumptions and biases in the literature about this subject. Using an evolutionary, biological, and socio-cultural approach, students research and present in class topics related to women's sexuality across the life cycle and cross culturally. Prerequisite: ANTH 150. As warranted.

ANTH 415 – Archaeological Field Techniques: Supervision (3) Participation in formulation of research goals and strategies and their implementation. Students design and complete research project involving collection and preliminary analysis of field data. Prerequisite: permission of instructor. Summer.

ANTH 416 – Archaeological Lab Techniques: Supervision and Analysis (3) Advanced laboratory processing of archaeological data, with responsibility for supervision
of the preliminary analysis of field data. Prerequisite: ANTH 316 or equivalent and permission of instructor. As warranted.

ANTH 417 – Archaeological Procedures (3) This course provides hands-on experience in and exposure to the methods and theories of data collection and analysis commonly used in archaeology. Prerequisite: ANTH 204. 1 credit Lab required. Gen Ed.: WI. Spring.

ANTH 430 – Applied Anthropology (4) This course will introduce students to the application of anthropological theory and methodology in real world situations. Field work experience will be an essential feature of this course. As warranted.

ANTH 432 – Native American Cultures (3) A research seminar that will investigate the history of a Native American community, how it adapted to the changes brought on by European contact, and the community’s present social environment. Prerequisite: ANTH 130 or 202. As warranted.

ANTH 445 – Ethnographic Fieldwork (3) Field course in scientific method, data collection and analysis, record keeping, and ethics of human research. Prerequisite: ANTH 391. As warranted.

ANTH 450 – Zooarchaeology (3) Zooarchaeology introduces the student to the methods of animal bone identification. Using archaeological materials and computer-based instruction, it provides a basis for the interpretation and analysis of the complex animal-human relationship in the past. Prerequisite: ANTH 204 or BIOL 100. As warranted.

ANTH 455 – Cannibalism (4) Cannibalism has been a controversial topic in anthropology for many years. The debate about the extent of cannibalism in past and in modern groups, and its meaning, has recently been rekindled by the publication of several studies in the past couple of years that provide evidence of cannibalism as far back as Neanderthals and from pre-historic Native American groups. This course is designed for upper division anthropology students to study the history of cannibalism, and to evaluate and debate the possibilities raised in the recent literature. Prerequisite: Junior or Senior standing. As warranted.

ANTH 457 – Dental Anthropology (3) The human dentition is useful in many ways to anthropologists. Teeth are constructed of the hardest substances in the body and are often the majority of remains that survive digeneic processes through time. They reflect our interaction with the environment, whether through the mastication of food, or as tools in other activities. Cultures hold different conceptions of beauty based partially on the physical appearance of teeth. And, teeth are under relatively strong genetic control, which makes it possible to distinguish geographic groups of humans from one another. This is just a partial listing of the important anthropological information that may be gleaned from the study of teeth. As warranted.

ANTH 461 – Material Culture (3) Thinking about objects and the ways that people make, use, understand, and engage their material worlds has become an increasingly interdisciplinary project involving cultural anthropologists, archaeologists, art historians, folklorists, literary critics, and historians, among others. In this course, students will consider the major ideas and approaches influencing this scholarship and will apply what they have learned in an original research project that explores the meaning of material culture. Special attention will be paid to how objects structure and are structured by human experience. As warranted.

ANTH 470 – Museum Internship (3) Student interns are placed either within the Weaver Museum or off campus in a nearby gallery, museum, or historical agency. They conceive and set up archival projects, work at organizing Weaver Museum and departmental research collections and coordinate the activities of beginning student assistants (registered in ANTH 270 and 320). Prerequisite: permission of instructor. Fall and Spring.

ANTH 475 – Senior Thesis (3) Preparation for completion of the Anthropology Senior Thesis requirement. Discussions on library research, the anthropological style and word processing to be included. As warranted.

ANTH 480 – Senior Seminar/Practicum (4) Selected topics aimed at integrating anthropological concepts into future lives of graduates. Enables them to understand meanings of these concepts for personal, social, and career aspirations. Practicum provides students with the verbal and written opportunity to apply and elucidate anthropological concepts to their fieldwork and work experiences. Spring
ARTS 110 Foundations of Drawing I
ARTS 120 Color and Design
ARTS 130 Three-Dimensional Design
ARTS 211 Foundations of Drawing II

Four Studio Requirements 16
Including at least one three-dimensional course
ARTS 312 Drawing and Mixed Media I
ARTS 319 Graphic Design and Media Arts I
ARTS 321 Graphic Design and Media Arts II
ARTS 329 Painting I
ARTS 339 Printmaking I
ARTS 349 Sculpture I
ARTS 359 Ceramics I
ARTS 369 Time-Based Media
ARTS 379 Photography I

Electives 16
4 studio electives; at least one level 4 studio and one level 2 from another studio area. All studio courses are 4 credits.

Senior Experience 4-7
One additional Studio Elective or
ARTS 490 Senior Art Internship (6 credits) or
ARTS 491 & 492 Senior Art Thesis I & II (6 credits) and
ARTM 493 Senior Exhibition Seminar (1 credit)

Note: Students are required to take 60 credit hours outside of the Art Department.

Art Studio Major (B.A.)
49 credit hours required.
The Art Studio major is designed to provide students with a broad-based education in the traditional fine art studio areas as well as to introduce relevant historical, theoretical and critical issues. Studio Concentrations are available in ceramics, graphic design, painting, photography, printmaking and sculpture. These require four upper-division courses in the studio area of choice. A Studio Concentration is suggested for those students wishing to enter graduate programs or seeking a career as a professional artist.

All courses are 4 credits unless noted. Credits are divided as follows:

Required Courses 25
ARTH 101 Survey of Art: Ancient to Renaissance (3 credits)
ARTH 102 Survey of Art: Renaissance to Modern (3 credits)
ARTS 110 Foundations of Drawing I
ARTS 120 Color and Design
ARTS 130 Three-Dimensional Design
ARTH 300 or 400 level Art History Elective (3 credits)

Studio Foundation 16
Four courses with at least one three-dimensional course
ARTS 312 Drawing and Mixed Media I
ARTS 319 Graphic Design and Media Arts I
ARTS 321 Graphic Design and Media Arts II
ARTS 329 Painting I
ARTS 339 Printmaking I
ARTS 349 Sculpture I

ARTS 359 Ceramics I
ARTS 369 Time-Based Media
ARTS 379 Photography I

Studio Elective 8
Two studio electives with at least one level II

Special Notes
1. Art Studio majors have the option of completing 50 credit hours in the Art Department toward the 120 credit hours necessary for the B.A. degree. Students are required to complete 70 credit hours outside the Art Department. Students may elect to take supplemental art courses beyond the 50-semester-hour maximum. These will be included on the transcript, but will not be counted toward the completion of the degree.
2. All courses counted toward the major must be completed with a grade of 2.0 or above.

Graphic Design and New Media (B.F.A.)
63-67 credit hours required.
The Bachelor of Fine Arts degree in Graphic Design and Media Arts is intended for students who plan to pursue careers in graphic design or media arts. The BFA adheres to the College's strong general education in the liberal arts while offering specialized courses in graphic design and media arts. The program includes portfolio development and an internship experience. Students have the opportunity to take part in the Senior BFA Exhibition (recommended), or to take an additional studio course or internship.

Admission is by portfolio review; reviews are conducted at the end of the spring semester each year. Students must have a grade point average of 3.0 to be admitted and to remain in the program.

All courses are 4 credits unless noted. Credits are divided as follows:

Credits

Fine Arts Core 28
ARTH 101 Survey of Art: Ancient to Renaissance (3 credits)
ARTH 102 Survey of Art: Renaissance to Modern (3 credits)
ARTH 464 Foundations of Modern Art (3 credits)
ARTH 300 or 400 level Art History Elective (3 credits)
ARTS 110 Foundations of Drawing I
ARTS 120 Color and Design
ARTS 130 Three-Dimensional Design
ARTH 300 or 400 level Art History Elective (3 credits)

Graphic Design and Media Arts Required Foundation 8
ARTS 319 Graphic Design and Media Arts I
ARTS 321 Graphic Design and Media Arts II

Graphic Design and Media Arts Electives 12
Three of the following:
ARTS 320 Typography
ARTS 369 Time-Based Media
ARTS 419 Interactive Media Design
ARTS 469 Digital Illustration and Imaging

Graphic Design and Media Arts Capstone 4
One of the following:
ARTS 420 Graphic Design Practices and Portfolio
ARTS 470 Media Arts Practices and Portfolio
Art Studio Electives  8
Two studio electives

Senior Experience  3-7
INTD 491  Design/Media Internship (3 credits)
ARTS 491 and 492 Senior Art Thesis I and II (6 credits) and
ARTM 493  Senior Exhibition Seminar (1 credit)

**Graphic Design and New Media (B.A.)**

52-55 credit hours required.

The Graphic Design and Media Arts B.A. degree offers students a concentrated experience in graphic and media arts, including experience in typography, time-based design, digital illustration, video, and sound and motion graphics. Grounded in SUNY Potsdam's liberal arts and sciences core, the major also incorporates art foundations, art history, and studio electives.

All courses are 4 credits unless noted. Credits are divided as follows.

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<tr>
<th>Credits</th>
<th>Course Titles</th>
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<tbody>
<tr>
<td>25</td>
<td>Fine Arts Core</td>
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<tr>
<td></td>
<td>ARTH 101  Survey of Art: Ancient to Renaissance (3 credits)</td>
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<tr>
<td></td>
<td>ARTH 102  Survey of Art: Renaissance to Modern (3 credits)</td>
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<tr>
<td></td>
<td>ARTS 110  Foundations of Drawing I</td>
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<td>ARTS 120  Color and Design</td>
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<td></td>
<td>ARTS 130  Three-Dimensional Design</td>
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<td>ARTS 211  Foundations of Drawing II</td>
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**Graphic Design and Media Arts Required Foundation 8**

- ARTS 319  Graphic Design and Media Arts I
- ARTS 321  Graphic Design and Media Arts II

**Graphic Design and Media Arts Electives 8**

Two of the following:
- ARTS 320  Typography
- ARTS 369  Time-Based Media
- ARTS 419  Interactive Media Design
- ARTS 469  Digital Illustration and Imaging

**Graphic Design and Media Arts Capstone 4**

One on the following:
- ARTS 420  Graphic Design Practices and Portfolio
- ARTS 470  Media Arts Practices and Portfolio

**Art Studio Elective 4**

One studio elective

**Senior Experience 3-6**

INTD 491  Design/Media Internship

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**Art Education with St. Lawrence University (B.A.)**

Program was under revision at time of publication.

Please contact the Art Department for current program requirements.

SUNY Potsdam and St. Lawrence University collaborate to offer an Art Education Certification program to SUNY Potsdam students. The program allows a student to take coursework for the Bachelor of Arts in Studio Art at SUNY Potsdam and become certified by the State of New York for K-12 Art Education. The program prepares and qualifies students to teach art at all levels of public schools in New York State.

Students who are interested in the Art Education program should meet with the Coordinator in the Art Department, Mark Huff, during the fall semester of the Junior year to discuss the program and register their intent to join the program. During the spring semester of the Junior year students should formally apply to the program. Students must have a 3.0 GPA to be admitted into the professional sequence at St. Lawrence University. At that time the Chair will review each student's file and determine the readiness for the Professional Semester. The student will then register for one course in the fall and four courses in the spring of the Senior year at St. Lawrence University which is the only semester that the Professional sequence is taught.

During the spring semester of their senior year, all art certification students must enroll in the Professional Semester at St. Lawrence University that consists of the following courses: EDUC 405 Dynamics of Student Teaching, EDUC 406 Supervised Student Teaching, EDUC 407 Supervised Student Teaching and EDUC 410 Methods and Materials in Art Education. Please be aware that admission into the Professional Semester is not automatic. Criteria for admission are published in the SLU catalog. Questions regarding the Professional Semester should be directed to Esther Oey, the Coordinator of the Undergraduate Teacher Education Program, St. Lawrence University, 315-229-5847 or Mark Huff, SUNY Potsdam Art Department, huffms@potsdam.edu.

**Art Studio Minor**

20 credit hours required.

The Art Studio minor is a structured sequence of Art Studio courses. It is designed to provide students with a basic education in studio art. No more than two courses in the Art Department may count toward both the Studio Art minor and the Graphic Design major (either B.A. or B.F.A.).

Note: The Minor in Studio Art is NOT available to majors in Studio Art or Visual Arts B.F.A.

All courses are 4 credits unless noted. Credits are divided as follows:

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<tr>
<th>Credits</th>
<th>Course Titles</th>
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<tbody>
<tr>
<td>8</td>
<td>Foundation Courses: two of the following</td>
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<tr>
<td></td>
<td>ARTS 110  Foundations of Drawing I</td>
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<td>ARTS 120  Color and Design</td>
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<td>ARTS 130  Three-Dimensional Design</td>
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Note: It is recommended that students planning to take ceramics or sculpture courses take ARTS 130, Three-Dimensional Design as one of their two foundation courses. Students planning to take two-dimensional courses should take ARTS 110 and ARTS 120 as their foundation courses.

**Elective Courses: three of the following**

- ARTS 211  Foundations of Drawing II
- ARTS 312  Drawing and Mixed Media I
- ARTS 319  Graphic Design and Media Arts I*
- ARTS 321  Graphic Design and Media Arts II*
- ARTS 369  Time-Based Media*
- ARTS 329  Painting I
- ARTS 330  Painting II
- ARTS 431  Painting III
- ARTS 339  Printmaking I
ARTS 340 Printmaking II
ARTS 441 Printmaking III
ARTS 349 Sculpture I
ARTS 350 Sculpture II
ARTS 451 Sculpture III
ARTS 359 Ceramics I
ARTS 360 Ceramics II
ARTS 461 Ceramics III
ARTS 379 Photography I
ARTS 380 Photography Processes and Techniques
ARTS 381 Digital Photography (recommended as second photography course)

*Note: These courses are not applicable for Graphic Design and New Media Majors.

**Art History Major (B.A.)**
32-34 credit hours required.

The purpose of the major program is to provide students with a fundamental experience in the most important art historical periods and achievements in art. This experience provides sufficient breadth to ensure a reasonable knowledge of the most significant art and monuments, artists and styles, as well as a basic understanding of the varying historical contexts within which these achievements have taken place.

To ensure adequate diversity and scope, a balance of courses in all areas is required.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
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<tr>
<th>Credits</th>
<th>Prerequisite Courses</th>
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<tbody>
<tr>
<td>6</td>
<td>ARTH 101 Survey of Art: Ancient to Renaissance</td>
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<td></td>
<td>ARTH 102 Survey of Art: Renaissance to Modern</td>
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| 4       | One Studio Art course from the following: |
|         | ARTS 110 Foundations of Drawing I (4 credits) |
|         | ARTS 120 Color and Design (4 credits) |

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<tr>
<th>18</th>
<th>Required Courses</th>
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<tbody>
<tr>
<td></td>
<td>ARTH 310 Greek Art and Architecture</td>
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<td>ARTH 311 Roman Art and Architecture</td>
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<td>ARTH 381 Classical Mythology in Art</td>
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<td>ARTH 385 Art and Archaeology of the Classical World</td>
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<td>ARTH 451 Ancient Painting</td>
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<td>Group A: Ancient (6 credits) two of the following:</td>
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<tr>
<td></td>
<td>ARTH 352 Medieval Art and Architecture</td>
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<td>ARTH 356 History of World Architecture</td>
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<td></td>
<td>ARTH 454 Early Italian Renaissance</td>
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<td>ARTH 455 Northern Renaissance Art</td>
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<td>ARTH 457 Baroque Art</td>
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<td>ARTH 463 Italian High Renaissance</td>
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Group C: Baroque through Contemporary (6 credits) two of the following:

| 3       | ARTH 355 Art in America |
| 3       | ARTH 458 Nineteenth Century Painting |
| 3       | ARTH 462 Impressionism |
| 3       | ARTH 464 Foundations of Modern Art |
| 3       | ARTH 465 Issues in Contemporary Art |

The following courses, offered from time to time, may be used to replace courses from Groups A, B, and C, by advisement only:

| ARTH 495 Special Topics in Art History |
| ARTH 498 Tutorial Study |

**Art History Elective**
One course in non-western Art History

| 1-3 | Required in Senior year |
|     | ARTH 492 Senior Seminar (1-3 credits) |

**Recommended Coursework Outside the Major**

| ARTM 270 Museum Studies |
| ARTM 420 Gallery Practices |
| PHIL 320 Aesthetics |

**Special Notes**

1. Art History majors have the option of completing 50 credit hours in the Art Department toward the 120 credit hours necessary for the B.A. degree. Students are required to complete 70 credit hours outside the Art Department. Students may elect to take supplemental art courses beyond the 50-semester hour maximum. These will be included on the transcript, but will not be counted toward the completion of the degree.

2. Art History majors must earn a minimum grade of 2.0 in all courses counted toward the major.

3. Students should be aware that most graduate programs in art history require a reading knowledge of French and German in order for a student to be admitted. Students wishing to pursue graduate school in art history should acquire a reading knowledge of French or German. Those wishing to apply directly to Ph.D. programs need to acquire a reading knowledge of both French and German.

4. Studying art works and architecture in person is crucial to understanding art history; students are strongly encouraged to take advantage of faculty-led Art Travel Seminars and field trips to Canada, the U.S., and abroad. ARTH 390 Art Travel Seminar is recommended.

**Art History Minor**
18 credit hours required.

The art history minor is a sequence of art history courses designed to provide liberal arts students with core experiences in the history of art.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>ARTH 101 Survey of Art: Ancient to Renaissance</td>
</tr>
<tr>
<td></td>
<td>ARTH 102 Survey of Art: Renaissance to Modern</td>
</tr>
</tbody>
</table>

| 12      | Elective Courses |
|         | Three elective upper-division Art History courses from the following: |
|         | ARTH 310 Greek Art and Architecture |
|         | ARTH 311 Roman Art and Architecture |
|         | ARTH 352 Medieval Art and Architecture |
|         | ARTH 355 Art in America |
ARTH 356 History of World Architecture
ARTH 358 Cross-Cultural Approaches to Art
ARTH 365 Art and Culture of China
ARTH 381 Classical Mythology in Art
ARTH 385 Art and Archaeology of the Classical World
ARTH 451 Ancient Painting
ARTH 454 Northern Renaissance Art
BAROQ Art
ARTH 458 Nineteenth Century Painting
ARTH 463 Italian High Renaissance
ARTH 464 Foundations of Modern Art
ARTH 465 Issues in Contemporary Art

Museum Studies Minor
For more information, see page 85.

Other Opportunities Available to Art Majors

Art Department Computer Labs
The student computer labs are located in Kellas and Merritt Hall and are designed to provide students with the opportunity to explore using computer graphics, video and design. The labs are equipped to investigate current avenues in digital imaging, digital design, animation, modeling and digital video.

Study Abroad Opportunities
The Art Department encourages students majoring and minoring in Art to consider incorporating either a short-term or long-term study abroad experience. The Office of International Education provides information about overseas study and assists students with planning their programs abroad.

Art Course Descriptions
Courses are offered each semester unless otherwise designated.

Subject codes: ARTH – Art History; ARTS – Art Studio; ARTM – Museum Studies

195, 295, 395, 495 – Special Topics (1-12)
198, 298, 398, 498 – Tutorial (1-3)

Art History

ARTH 100 – Idea and Image (3) Introductory course in the appreciation and history of art. Covers painting, sculpture, architecture and other arts. Instruction in analysis of art works including such topics as color theory and perspective. Subjects include the pyramids, the Parthenon, the medieval cathedral, Leonardo, Michelangelo, Rembrandt, and contemporary art. Gen Ed: AC credit; 4 credit sections also receive FS credit. Fall and Spring.

ARTH 101 – Survey of Art: Ancient to Renaissance (3) Major art styles and monuments of pre-Renaissance art: relationship between art and politics, religion, and economics in ancient societies. Course will also include some discussion of non-western art: the art of native peoples and of the east. Gen Ed: WC credit. Fall and Spring.


ARTH 103 – Landscape Art (3) Studies origins and development of landscape art, focusing on 19th century American landscape painting, and on Adirondack artists. Includes experiential component, consisting of landscape drawing and watercolor painting. Gen Ed: AC credit. As warranted.

ARTH 304 – Great Discoveries in Art and Archaeology (3) Examines some great discoveries in the history of art and archaeology. Cultures studied include those in Africa and the Americas, and ancient Egypt, Greece and Rome. Topics include discovery of tomb of Tutankhamen, invention of photography, excavation of Teotihuacan, Mexico, and Chinese bronze technology. Fall.

ARTH 310 – Greek Art and Architecture (3) Origins and development of the art of ancient Greece, from prehistory through the Hellenistic period. Emphasis on the Golden Age of Greek art, the painting, sculpture and architecture of the fifth and fourth centuries B.C. Fall, alternate years.

ARTH 311 – Roman Art and Architecture (3) Architecture, painting, sculpture and minor arts from their early derivation from the art of Greece and Etruria to their flowering in a powerful and original expression of Roman culture. Spring, alternate years.

ARTH 351 – Late Antique Art (3) Art forms and society of the late Roman Empire as represented by works of both pagan inspiration, based on artistic tradition of the Classical past, and those reflecting a newly evolving Christian iconography. As warranted.

ARTH 352 – Medieval Art and Architecture (3) Evolution of medieval art from late Roman period to Gothic. Special emphasis on influence of religious and cultural developments and on artistic and architectural styles. Prerequisites: ARTH 100, 101, 102. Fall, alternate years.


ARTH 358 – Cross Cultural Approaches to Art (3) How can the term "art" be applied to a cross-cultural context? This course approaches the changing definitions of this category from both contemporary and historical perspectives. Our study will include material from four broad cultural areas in detail: Native American, Aboriginal Australian, African and Chinese. We will include consideration of contemporary artists. The course will address broad topics such as the ritual use of art, authenticity, aesthetics, tradition and modernity, art education, social memory, politics and creativity. Gen Ed: AC & XC credit. Spring.

ARTH 365 – Art and Culture of China (3) The course presents a critical approach to the relationship between art and culture in China. The course goal is to understand the forms, meanings and circulation of the Chinese arts from the perspective of its producers. The traditional arts of Imperial China will be approached chronologically from within several thematic areas. The primary focus in these areas will be the relationship between art and culture, with particular attention paid to painting produced in the literati or amateur artist tradition. The course examines issues such as the transnational circulation of Chinese artists, the representation of China's ethnic minorities, and Western conceptions of Chinese tradition.

ARTH 381 – Classical Mythology in Art (3) Course studies stories from Ancient Greek mythology and how they are represented in art from ancient times through the present. Course is arranged thematically; each theme will be examined in its original form (as far as can be determined) and then the representation of that theme in art is discussed, moving chronologically up to the present. Emphasis will be placed on the role of myth in each society, and on myth's contributions to the art of the times. Gen Ed: SI credit. As warranted.

ARTH 385 – Art and Archaeology of the Classical World (3) Art and culture of ancient Greece and Rome as reflected in the paintings, sculpture and architecture revealed by archaeological excavations at the great sites of Troy, Knossos, Athens, Delphi, Rome and Pompeii. Cross listed as ANTH 352. Fall.

ARTH 390 – Art Travel Seminar (3) The purpose of this field trip is to study art and architecture; to study at first hand works in art galleries; to assess the quality of light and space in specific architectural settings; and to understand where and why patrons commissioned specific works of art. The course is designed to offer the students first-hand experience through travel and research. Independent visual
Individual students design and execute an internship within the Gibson Gallery or off campus in a nearby gallery, museum or other museum-related setting. Students apply basic museum experience to an internship. Special emphasis on registration, curatorial, and management functions, then apply this to organizing and installing temporary exhibitions, as well as providing educational programs and public tours. Gen Ed: AC & XC.

**Museum and Gallery**

**ARTM 270 – Museum Studies (3)** History of museums and museum management. Gen Ed: AC & XC.

**ARTM 420 – Museum Practices (3)** Exhibition design and implementation. Students will learn basic theory and methodology related to how a professional art museum functions, then apply this to organizing and installing temporary exhibitions, as assistants, in the Gibson Gallery.

**ARTM 470 – Museum Internship (3)** Students apply basic museum experience to an internship within the Gibson Gallery or off campus in a nearby gallery, museum or other museum-related setting. Advanced independent study, with academic and experiential learning, is developed with instructor. Specialization may be in registration, curation, preparatory, interpretation, or research. Prerequisites: ARTM 370, ANTH 370, ARTM 420, or ANTH 420.

**ARTM 495 – Special Topics in Museology (3)** Individual student studies and research projects in museum studies. As warranted.

**ARTS 107 – Introduction to Watercolor (3)** Provides both art majors and non-majors with a hands-on introductory experience in the water medium of watercolor. Basic drawing, composition and color theory will be introduced. Traditional watercolor techniques and materials will be covered. Master works by major watercolor artists will be analyzed. Gen Ed: AE credit. As warranted.

**ARTS 110 – Foundations of Drawing I (4)** Introduces both art majors and non-art majors to the concepts and processes of the medium of drawing. Theoretical, critical and historical issues of art making addressed through regular group critiques and slide presentations of both historical and contemporary art work. Gen Ed: AE credit. Fall and Spring.

**ARTS 120 – Color and Design (4)** Provides both art and non-art majors with hands-on experience in color and design. Introduces the basic visual elements and design principles used in art making including areas of painting, drawing, printmaking, photography, ceramics and sculpture. Theoretical, critical and historical issues of art making addressed through group critique and visual presentations of both historical and contemporary art work. Gen Ed: AE credit. Fall and Spring.

**ARTS 140 – Ceramic Survey (4)** Design and creation of ceramic sculpture and wheel-thrown pottery, including preparation of clays and introduction to glazing and firing of kilns. Students encouraged to realize their personal concepts and express their ideas in effective visual communication. Theoretical, critical and historical issues of art making addressed through group critiques and visual presentations of both historical and contemporary art work. Non-majors only. Gen Ed: AE credit. As warranted.

**ARTS 142 – Basic Photography (4)** No previous art training required. This course addresses creative problems in photography with an emphasis on design and visual elements. Camera functions, image manipulation, and printing techniques will be introduced. Lectures and presentations address relevant theoretical and historical concepts. A camera is required. Note: Environmental Studies First-Year Interest Group class requires a digital camera. Other classes could be digital or film based. Contact professor for camera requirements. Gen Ed: AE credit. As warranted.

**ARTS 143 – Desktop Publishing Design (3)** Desktop Publishing Design is intended to introduce basic techniques and principles of producing computer generated publication design. This is accomplished by an introduction to a variety of software packages, lectures, and by creating publishing projects with the computer. The primary focus of instruction will be on functional applications such as brochures, posters, and presentations. Further investigation is achieved by the criticism, presentation, and analysis of these projects. As warranted.
ARTS 144 – Art of Handmade Paper (3) This course is an introduction to the fundamentals of hand papermaking. In this course students will learn about the materials, skills, and techniques for making paper as well as the many creative possibilities for its use. Through hands-on experience, students will learn to make paper from both natural and recycled fibers using a technology that can be duplicated outside of the classroom. This course is valuable for both art majors and non-majors, both beginning students and students with some experience in the visual arts.

ARTS211 – Foundations of Drawing II (4) Continues to develop and broaden students’ technical and material drawing skills. Expands the concept of drawing. Explores multiple formal and conceptual approaches to drawing using both abstract and representational modes. Introduction of color. Development of personal image vocabulary. Lectures and visual presentations address relevant theoretical, historical and critical concepts. Prerequisite: ARTS 110. Fall and Spring.

ARTS 312 – Drawing and Mixed Media (4) Further refines technical and material skills of drawing while exploring personal content. Development of multiple series of drawing work. Development of intellectual capacity and ability to conceive, initiate and complete original work. In-depth exploration of techniques, themes and concepts. Lectures and visual presentations address relevant theoretical, historical and critical concepts. Prerequisite: ARTS 211. Fall and Spring.

ARTS 319 – Graphic Design and Media Arts I (4) introduces basic techniques and principles of producing computer generated design. This is accomplished by an introduction to a variety of software packages, lectures, and by creating visual images. The primary focus of instruction will be on functional applications of the digital medium with criticism, presentation, and analysis of projects. Prerequisites: ARTS 110 and 120. Fall and Spring.

ARTS 320 – Typography (4) Introduces the history of type, the history of type design and the use and manipulation of type in the context of producing computer-generated art and design. Theories of visual communication are introduced throughout the course and the critical analysis of historical type products as well as student projects are major course components. Prerequisite: ARTS 319. Fall and Spring.

ARTS 321 – Graphic Design and Media Arts II (4) Graphic Design and Media Arts II introduces intermediate techniques and principles of producing computer generated design. A variety of software packages, lectures, and creating visual images are used for instruction. The focus of instruction is on vector drawing, photo manipulation, web design, and advanced page design with criticism, presentation, analysis of projects and portfolio development. Prerequisite: ARTS 110 and 120. Fall and Spring.

ARTS 329 – Painting I (4) Materials, theories, and techniques of oil painting, with limited exploration of mixed media possible. Emphasis on perceptual painting with still life and figure work. Emphasis on color and composition. Lectures and visual presentations address relevant theoretical, historical and critical concepts. Prerequisites: ARTS 110 and 120. Fall and Spring.

ARTS 330 – Painting II (4) Open media painting course. Multiple approaches, both abstract and representational, are explored. Development of personal image vocabulary while refining technical and material skills. Development of intellectual capacity and ability to conceive, initiate and complete original work. Movement towards increasingly complex and mature work. Lectures and visual presentations address relevant theoretical, historical and critical concepts. Prerequisite: ARTS 329. Fall and Spring.

ARTS 339 – Printmaking I (4) Materials, theories and techniques of relief printing and intaglio printmaking. Emphasis on special qualities of intaglio and printmaking aesthetics. Lectures and visual presentations address relevant theoretical, historical and critical concepts. Prerequisites: ARTS 110 and 120. Fall and Spring.

ARTS 340 – Printmaking II (4) Extension and elaboration of ARTS 339 with increasingly more complex and mature individual projects. Continued development of individual aesthetic philosophy. Lectures and visual presentations address relevant theoretical, historical and critical concepts. Prerequisite: ARTS 339. Fall and Spring.

ARTS 349 – Sculpture I (4) Introduces the use of sculptural form as a vehicle for a creative expression of personal ideas and contemporary concepts. Examines variety of traditional as well as modern materials and processes. Emphasizes an awareness of the qualities of materials and how they can be employed to support aesthetic and conceptual objectives. Lectures and visual presentations address historical and theoretical concerns. Regular formal classroom critiques allow student to develop critical thinking skills. Regular formal classroom activities address historical and theoretical concerns and strengthen students’ abilities in aesthetic analysis. Prerequisites: ARTS 110, 120, and 130. Fall and Spring.

ARTS 350 – Sculpture II (4) Explores the design potential of welded metals as a medium for creative expression. An introduction to the lost wax metal casting process with the option for students to realize concepts in finished bronze casting. Additional options for materials, processes and concepts discussed. Theoretical and historical concerns addressed through lectures and visual presentations. Critical thinking and aesthetic analysis stressed in regular formal classroom critiques. Fall and Spring.

ARTS 359 – Ceramics I (4) Design and creation of ceramic sculpture and wheel-thrown pottery, including preparation of clays, and introduction of glazing and firing of kilns. Lectures and visual presentations address theoretical, historical and critical concepts. Prerequisites: ARTS 110, 120 and 130. Fall and Spring.

ARTS 360 – Ceramics II (4) Emphasis on creation of ceramic sculpture, sculptural pottery, and combined forms and techniques. Aesthetic and conceptual issues addressed in the context of assigned projects with subsequent critiques. Continued development of building, throwing, and glazing skills. Studio management skills, including clay and glaze formulation, firing electric and gas kilns. Lectures and visual presentations illuminate theoretical, historical and critical concepts. Prerequisite: ARTS 359. Fall and Spring.

ARTS 369 – Time-Based Media (4) Time-Based Media is intended to introduce basic techniques and principles of producing creative video projects. This is accomplished by an introduction to the use of video cameras, digital editing work stations, and by creating time based visual images with tape and computer. The primary focus of instruction will be on the functional application of script development, camera use, and editing suite generating videotape presentations. Further investigation is achieved by the criticism, presentation, and analysis of these projects. Prerequisite: ARTS 321. Fall and Spring.

ARTS 379 – Photography I (4) This black and white FILM class introduces camera operation, film developing, print processing, aesthetic understanding, image creation, and photographic history. Creative problems are addressed using a variety of photographic techniques. Lectures and presentations address relevant aesthetic, theoretical, historical, and critical concepts. A 35mm film (SLR) camera with manual exposure controls is required. Prerequisites: ARTS 110 and 120. Fall and Spring.

ARTS 380 – Photography Processes and Techniques (4) This black and white FILM class concentrates on more advanced exposure, developing, printing techniques, and aesthetics. Alternative photographic processes are also introduced. Emphasis is placed on technical expertise, experimentation, and creation of a body of work using these various processes. A 35mm film (SLR) camera with manual exposure controls is required. Prerequisite: ARTS 379. Fall and Spring.

ARTS 381 – Digital Photography (4) Introduces students to the processes of digital photography. The course covers camera operations, scanning, printing, and image adjustments using current editing software. While establishing technical skills, students will explore creative and aesthetic issues. Lectures and presentations address relevant aesthetic, theoretical, historical, and critical concepts. A digital (DSLR) camera with manual exposure controls is required. Prerequisite: ARTS 321. Fall.

ARTS 419 – Interactive Media Design (4) Introduces advanced techniques and theories of producing computer generated design. A variety of software packages, lectures, and exercises in creating visual images are used for instruction. The focus of instruction is on advanced theory, 3-D modeling and animation, and independent projects with criticism, presentation, and analysis of projects and portfolio development. Prerequisite: ARTS 320. Spring.

ARTS 420 – Graphic Design Practices and Portfolio (4) Capstone course for students wishing to become designers. The history of contemporary graphic design as well as theoretical and analytical strategies are examined throughout the course. Advanced techniques and principles of producing computer-generated art and design are covered with a focus on developing each student’s style and subsequent portfolio. Professional ethics and professional design practices underpin the entire classroom experience. Fall and Spring.

ARTS 431 – Painting III: Thematic R&D (4) Explores multiple formal and conceptual approaches to painting. Emphasis on research of the theme or idea chosen by the student. Development of intellectual capacity and ability to conceive, initiate and
complete original research. Students will investigate contemporary artists relevant
to their own work. Movement towards increasingly complex and mature work. Broad
exploration of the chosen subject of research. Critique based in contemporary
visual arts practices and in a variety of other approaches will be applied. Lectures and
presentations address relevant theoretical, historical and critical concepts. Prerequisite: ARTS 330. Fall and Spring.

ARTS 432 – Painting IV (4) In-depth development of one theme or idea determined
by the student. Creation of a coherent body of work is emphasized. Movement
towards increasingly complex and mature work. Development of intellectual
capacity and ability to conceive, initiate and complete original work. Lectures and
visual presentations address relevant theoretical, historical and critical concepts. Prerequisite: ARTS 441. Fall and Spring.

ARTS 441 – Printmaking II (4) Comprehensive investigation of individual processes
introduced in ARTS 339 and ARTS 340. Emphasis on thematic and individual
approaches to printmaking. Prerequisite: ARTS 330 or 340. Fall and Spring.

ARTS 442 – Printmaking IV (4) Advanced level investigation of problems and materi-
als dealt with in ARTS 441. Prerequisite: ARTS 441. Fall and Spring.

ARTS 451 – Sculpture III (4) Advanced welding and metal-casting techniques taught
along with experimentation with various mold-making techniques. Personal imagery
and more emphasis on student-initiated concepts encouraged. Any and all materials
and processes can be explored. Historical and theoretical issues addressed through
lectures and slide presentations. Critical thinking and aesthetic analysis stressed in
regular formal classroom critiques. Prerequisite: ARTS 450. Fall and Spring.

ARTS 452 – Sculpture IV (4) Selected area of interest chosen for an in-depth explo-
raton for a concentration on the sculptural possibilities of a particular process or
material. Historical and theoretical issues addressed through lectures and visual
presentations. Critical thinking and aesthetic analysis stressed in regular formal
classroom critiques. Prerequisite: ARTS 451. Fall and Spring.

ARTS 461 – Ceramics III (4) A continuation of ARTS 360 with an emphasis on the
development of a personal vocabulary of forms and stylistic concerns. Glaze for-
mulation and firing of electric and gas kilns. Prerequisite: ARTS 360. Fall and Spring

ARTS 462 – Ceramics IV (4) Progressively more advanced problems in the concep-
tion and execution of original ceramic forms. Ceramic formulae, empirical methods,
and oxidation and reduction firing of gas and electric kilns. Prerequisite: ARTS 461.
Fall and Spring.

ARTS 469 – Digital Illustration and Imaging (4) Intermediate level graphic design
course intended to advance the student’s knowledge of the history of illustration, the
theories of visual communication as related to illustration and the development of
skills to make successful illustrative images. Prerequisite: ARTS 319. Fall and Spring.

ARTS 470 – Media Arts Practices and Portfolio (4) Capstone course for students
pursuing careers as media and interactive designers. The history of the field is
examined and the theoretical underpinnings of the field articulated through
readings and discussions. Intended to improve conceptual and production skills of
students through study of advanced techniques and principles of media art and
design production. Professional ethics and design practices underpin the entire
classroom experience. Prerequisites: ARTS 319 and 369. Fall and Spring.

ARTS 482 – Photography IV (4) Advanced level investigation of individual photo-
graphic creative ideas. Selected area of interest: film, digital, or alternative process,
with an emphasis on independent thematic projects. Lectures and presentations
address relevant aesthetic, theoretical, historical, and critical concepts. A digital
(DSLR) or a 35mm film (SLR) camera, with manual exposure controls is required.
Prerequisite: ARTS 481. Fall and Spring.

ARTS 484 – @Kiln Building (1-4) Building and firing of Raku kiln, to be undertaken
jointly by two or more students (2); individual construction and firing of a kiln of
proven design (3); individual design, construction and firing of a kiln experimental
in configuration (4). Prerequisite: ARTS 461. As warranted.

ARTS 485 – Special Problems (1-4) Individual program of work in student’s area
of concentration, to be approved and supervised by a member of the art faculty.
Prerequisite: successful completion of at least three semesters in chosen area
of concentration. As warranted.
Special Notes for Biology Majors (B.A. and B.S.)

With approval of adviser and Department of Biology chair, no more than four credit hours from the combination of BIOL 475, 485, and biologically-based internships may be used as part of the departmental-semester-hour requirement. This restriction is not intended to discourage students from taking any of these courses, but to ensure adequate diversity and breadth in pursuit of the biology major.

All credits submitted for the minimum departmental credits for the biology major must be 2.0/S or higher. This does not assume a 2.0 average, but a 2.0 in each course.

No student may enroll more than two times in any course offered by the Department of Biology without written permission of the instructor, the department chair, and the dean.

Students may elect to take the laboratory component of only one of the two following required courses: BIOL 300 (Ecology) or BIOL 311 (Genetics).

Consult with a departmental adviser for recommended coursework outside the major.

Biology Major (B.A.)

37 credit hours required. Plus 12 credits of cognates.

All courses are 4 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Required Courses</th>
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<tbody>
<tr>
<td>18-19</td>
<td>BIOL 151 General Biology I</td>
</tr>
<tr>
<td></td>
<td>BIOL 152 General Biology II</td>
</tr>
<tr>
<td></td>
<td>BIOL 300 Ecology* (3-4 credits)</td>
</tr>
<tr>
<td></td>
<td>BIOL 311 Genetics* (3-4 credits)</td>
</tr>
<tr>
<td></td>
<td>BIOL 483 Current Topics in Biology (3 credits)</td>
</tr>
<tr>
<td>*Note: Students must take at least one laboratory component with BIOL 300 or BIOL 311, but may choose to take both.</td>
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</table>

Physiology Component

Choose at least one of the following in consultation with adviser:

- BIOL 303 Plant Physiology
- BIOL 404 Human Anatomy and Physiology 2
- BIOL 407 Cell Physiology
- BIOL 410 Human Physiology
- BIOL 413 Neurophysiology
- BIOL 440 Comparative Animal Physiology

Elective Courses

Under advisement, students must choose a minimum of 14-15 additional credit hours from the department's elective offerings. Students taking only one of the 1-credit labs for BIOL 300 and 311 will need a minimum of 15 credits of electives. Students taking both labs will need 14 credits of electives. Students may focus their interests to increase their depth of knowledge or pick a variety of coursework to increase their breadth of knowledge.

Cognate Requirements*

CHEM 105 General Chemistry I
CHEM 106 General Chemistry II
CHEM 341 Organic Chemistry I

*All cognate courses must be completed with a 2.0/S or higher.

Biology Major (B.S.)

39 credit hours required. Plus 27-28 credits of cognates.

All courses are 4 credits unless noted. Credits are divided as follows:

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- BIOL 303 Plant Physiology
- BIOL 404 Human Anatomy and Physiology 2
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- BIOL 410 Human Physiology
- BIOL 413 Neurophysiology
- BIOL 440 Comparative Animal Physiology

Concentration Courses

Student taking only one of the 1-credit labs for BIOL 300 and 311 will need a minimum of 17 credits of electives. Students taking both labs will need a minimum of 16 credits of electives.

Please note that concentrations are primarily used as a tool to better advise students within the various subdisciplines of Biology. Students are not required to take the courses listed under each concentration.

Ecology and Evolutionary Biology Concentration

Recommended for everyone taking this concentration:

- BIOL 319 Evolutionary Biology

Recommended at least 12 hours from the following concentration specific electives:*

- BIOL 305 Comparative Anatomy of the Vertebrates
- BIOL 310 Marine Biology
- BIOL 312 Insect Ecology
- BIOL 320 Microbiology
- BIOL 330 Natural History of Lower Vertebrates
- BIOL 331 Natural History of Higher Vertebrates
- BIOL 334 Biology of Woody Plants (3 credits)
- BIOL 350 Biotic Communities of South Florida (3 credits)
- BIOL 351 Biology of Northern Ecosystems (3 credits)
- BIOL 355 Invertebrate Biology
- BIOL 375 Behavioral Evolution
- BIOL 400 Field Ecology
- BIOL 402 Conservation Biology (3 credits)
- BIOL 405 The Origin of Species (3 credits)
- BIOL 409 Fresh Water Ecology

*Or additional upper division biology courses to reach at least 39 hours in major.

Cell and Molecular Biology Concentration

Recommended for everyone taking this concentration:

- BIOL 320 Microbiology
- BIOL 407 Cell Physiology

Recommended at least 8 hours from the following concentration specific electives:*

- BIOL 321 Cell Structure (3 credits)
Biology Minor
23 credit hours required. Closed to Biology majors.

The biology minor provides an opportunity for non-major students to gain experience in the field of biology. The minor should be attractive to a variety of majors. In addition to chemistry, geology, physics and environmental biology majors, art majors interested in biological illustration, English majors interested in editing biological journals or psychology majors interested in behavior might choose to minor in biology. Given the diversity of the field, flexibility is the key to an effective biology minor, since it will allow interested students to gain experience in one of the subdisciplines.

Procedures for Declaring the Minor
A minor should be registered with the Department of Biology prior to completion of two elective courses, in order to ensure proper advisement. Biology minors will be assigned advisers from the biology faculty.

Special Notes for Biology Minors
- One non-major biology course may be included in the minor with consultation of Department of Biology chair.
- At least 6 of the 15 credit hours must be courses with laboratory (minimum of 2 courses).
- At least 12 hours must be completed in upper-division courses.
- All credits submitted for the minimum departmental credits for the biology minor must be 2.0/S or higher. This does not assume a 2.0 average, but a 2.0 in each course.
- One non-major biology course may be included in the minor with consultation of Department of Biology chair.

For more information, please contact Dr. Walter Conley or visit the GCRL website: www.usm.edu/gcrl/summer_field/index.php.
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<td>BIOL 151 General Biology I</td>
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<td>BIOL 152 General Biology II</td>
<td>4</td>
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<table>
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<th>15</th>
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<td></td>
</tr>
<tr>
<td>BIOL 120 - Microbes and Human Welfare (4)</td>
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</tr>
<tr>
<td>BIOL 475 Biology Laboratory Techniques (1 credit)</td>
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<tr>
<td>BIOL 485 Research in Biology (1-3 credits)</td>
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</tr>
<tr>
<td>BIOL 480 Advanced Topics in Biology (1-3 credits)</td>
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**Biological Course Descriptions**

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<tr>
<td>BIOL 198, 298, 398, 498 - Tutorial (1-3)</td>
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<tr>
<td>BIOL 100 – Principles of Biology (4) Three hours lecture and one two-hour lab weekly. One semester course providing an understanding of biological systems from the cellular to ecosystem level. Emphasis is placed on how biology plays a role in students' lives. For non-majors. Gen Ed: SB &amp; LB credit. Fall and Spring.</td>
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<tr>
<td>BIOL 101 – Evolution and Ecology (3) Most introductory biology courses focus on cellular processes or human anatomy and physiology. Topics of ecology, evolution, and biodiversity are not explored in detail or omitted altogether. Evolution and Ecology helps students understand major biological concepts through the lens of evolutionary principles. This course takes a different approach to understanding biology, emphasizing concepts over details and scientific reasoning over terminology. Topics include natural and sexual selection, genetics, evolution of sex and mating strategies, population ecology, community ecology, macroevolution. For non-majors. Gen Ed: SB credit. Fall or Spring.</td>
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<tr>
<td>BIOL 105 – Introduction of Human Genetics (3) Human genetics, including transmission of genes, genetic ratios, chromosomal defects, sex determination, population considerations, introduction to DNA and gene functions, and moral dilemmas facing society. For non-majors. Gen Ed: SB credit. Fall and Spring.</td>
<td></td>
</tr>
<tr>
<td>BIOL 106 – Environmental Biology (3) Concepts related to the physical and biological environments, populations and communities, current environmental problems. Laboratory and field experiences are an integral part of the course. For non-majors. Gen Ed: SB &amp; LB credit. Fall and Spring.</td>
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</tr>
<tr>
<td>BIOL 107 – Human Biology (3) Emphasis on cellular function, nutrition, reproduction and other aspects of the body under normal and abnormal conditions. For non-majors. Gen Ed: SB credit. Fall and Spring.</td>
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</tr>
<tr>
<td>BIOL 111 – Adirondack Ecology (3) General ecological principles including energy flow, biogeochemical cycling, population dynamics and community ecology using the Adirondack region as a backdrop. Natural history and identification of Adirondack plants and animals will be incorporated. Laboratory and field experiences are integral components of this course. For non-majors. Gen Ed: SB credit. Fall.</td>
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<tr>
<td>BIOL 112 – Connections in Biology (3) Connections in Biology is a learning experience that connects the major concepts in biology to the life of the student. The connections will vary but will likely include issues related to human health, populations, genetics, and ecology. For non-majors Gen Ed: SB credit.</td>
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<tr>
<td>BIOL 116 – Behavioral Ecology (3) Animal Behavior from the internal mechanisms to the evolutionary causes which led to them. No prerequisites. For non-majors. Gen Ed: SB credit.</td>
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<tr>
<td>BIOL 120 – Microbes and Human Welfare (4) Three hours lecture and one two-hour lab weekly. Morphology and physiology of microorganisms, their important in the cause of disease and their role in important industrial processes. For non-majors. Gen Ed: SB &amp; LB credit. Fall and Spring.</td>
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<tr>
<td>BIOL 125 – Biological Concepts (3) Two hours lecture and one two-hour lab weekly. Biological Concepts is designed for students who are not science majors and plan to enter the teaching profession. There is an accompanying laboratory, which is required. The course is designed to provide students an in depth understanding of the major themes and concepts of biology including cell structure and function, genetics, evolution, biodiversity and ecology. Gen Ed: SB &amp; LB credit. Fall and Spring.</td>
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<tr>
<td>BIOL 145 – Biotechnology and Society (3) An exploration of the science and history of biotechnology, with applications ranging from identifying genes to modifying the genetic material of whole organisms. For non-majors. Gen Ed: SB credit. Spring.</td>
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<tr>
<td>BIOL 148 – Biodiversity Conservation (3) Conservation biology is a multidisciplinary science with a focus on preserving the diversity of species and ecosystems. The Biodiversity Conservation course uses the Adirondacks as a case study to explore contemporary issues of climate damage, habitat loss, invasive species, pollution, population, and over-population. Conservation efforts in the Adirondacks provide a local and in depth understanding of the global issues and strategies to protect biological diversity on Earth. For non-majors. Gen Ed: SB. Spring.</td>
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<tr>
<td>BIOL 151 – General Biology I (4) The focus of this course is on cellular processes. Topics include cell structure, photosynthesis and respiration, cell division and genetics, and evolution. Lab required. Gen Ed: SB &amp; LB credit. Fall.</td>
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<tr>
<td>BIOL 152 – General Biology II (4) Evolutionary processes and resulting biodiversity, animal and plant morphology and physiology, and ecological relationships. Lab required. Gen Ed: SB &amp; LB credit.</td>
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<tr>
<td>BIOL 209 – Winter Ecology (3) Interdisciplinary course which looks at all aspects of winter. At first the physics of seasons, snow crystals, glaciers, and temperature will be examined. Then plant and animal adaptations to the cold will be considered. Laboratory experiments will include: how plants and insects survive freezing and animal tracking. The last part of the course will cover human adaptations to winter including local customs and Eskimo cultures. Trips to Ottawa and the Adirondacks are planned. Prerequisite: FW credit. For non-majors. Gen Ed: WI credit. Spring.</td>
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<tr>
<td>BIOL 210 – Intro to Anatomy &amp; Physiology (4) Basic principles of human anatomy and physiology with special emphasis on the mechanisms of homeostasis and the inter-relationships of structure and function. For non-majors. Gen Ed: SB &amp; LB credit.</td>
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<tr>
<td>BIOL 300 – Ecology (3-4) Physical environment of terrestrial and fresh-water ecosystems, interspecific and intraspecific relationships, speciation, demography, growth and regulation of populations, energy flow, community organization and development. Prerequisites: BIOL 151 or 125, and 152. Gen Ed: WI credit with lab.</td>
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<tr>
<td>BIOL 303 – Plant Physiology (4) Biological processes of plants and the role various structures (cells, tissues, and organs) play in them. Relationship between functions and reactions of plants and those of other organisms. Significant research discussed. Lab required. Prerequisites: BIOL 151 or 125, and 152. Lab required. Fall.</td>
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<tr>
<td>BIOL 304 – Sustainable Agriculture (3) Lecture and active learning activities are designed to investigate topics vital to understanding agricultural sustainability, including issues of: land use, biological diversity, pest control, labor and human rights economic viability. Field trips to local farms will serve as examples of the various local agroecosystems. The class will document the differences between these farms and analyze them for their relative sustainability Class members will also grow crops themselves, to investigate tools for sustainability assessment. Prerequisites: BIOL 100, 125 151 or 152. Fall.</td>
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<tr>
<td>BIOL 305 – Comparative Anatomy of the Vertebrates (4) Similarities and differences in structural organization of vertebrate animals. Laboratory work includes detailed dissections of various systems of lamprey, spiny dogfish shark and cat. Lab required. Prerequisites: BIOL 151 or 125, and 152. Spring.</td>
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<tr>
<td>BIOL 309 – Marine Mammals and Seabirds (3) This is an 18 day field course starting at the beginning of August at the Huntsman Marine Science Centre. St. Andrews, New Brunswick. Marine mammals and seabirds will be observed under natural conditions through frequent field trips at sea and shore. Passamaquoddy Bay and the Bay of Fundy are excellent locations for sighting harbor and grey seals, harbor porpoises, minke, fin, and humpback whales, and numerous avian species including Atlantic puffins, razorbills, black guillemots, and northern gannets. Further, a three day trip</td>
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</table>
to Grand Manan Island will allow us to observe the incredibly rare northern right whale (there are only 300 in the world). There is a strong emphasis on field research and each student will complete an independent research project. Lectures and labs will introduce the evolution, zoogeography, morphology, ecology, physiology, and behavior of diving air-breathing vertebrates. Estimated cost is approximately $1,000 which includes travel to and from New Brunswick (from Potsdam), food, lodging, access to an on-site aquarium, and more than four whale and bird watching boat trips. For more info contact Dr. Jason Schrée (SUNY Potsdam), schreef@potsdam.edu, 315-276-2290. Summer.

BIOL 310 – Marine Biology (3) Explores the diversity and ecology of organisms that reside in our oceans, bays, and estuaries. Examines physiological and morphological adaptations of marine life, including the specific adaptations and ecological interactions among organisms that inhabit the plankton, nekton, and benthos. We will also explore marine resources and the impact of humans on the oceans. BIOL 151 or 125, and 152. Fall.

BIOL 311 – Genetics (4) Principles of genetics, including classic Mendelian studies, chromosomal considerations and biochemical approaches to understanding the genetic material and how it functions. Prerequisites: BIOL 151 or 125, and 152. Spring.

BIOL 312 – Insect Ecology (4) Study of insects: anatomy, physiology, development, behavior; social insects; and insect control. Systematic coverage of major insect groups. Prerequisites: BIOL 151 or 125, and 152. Lab required. Spring, alternate years.

BIOL 315 – Ornithology (3) Study of birds with emphasis on field identification. Prerequisites: BIOL 151 or 125, and 152. Field trips required. Spring.

BIOL 319 – Evolutionary Biology (3) Evolutionary Biology examines the mechanisms that have resulted in the rich diversity of life. Students will explore connections between natural selection and genetics, population biology, form and function, sexual selection, development, the fossil record and human evolution. Prerequisites: BIOL 151 or 125, and 152. Spring.

BIOL 320 – Microbiology (4) Morphological, physiological, genetic, and biotechnological concepts of Bacteria, Archaea, Fungi and viruses. Laboratory emphasizes sterile culture techniques and current technology. Prerequisites: BIOL 151 or 125, 152, and CHEM 105 & 106. Lab required. Fall.

BIOL 321 – Cell Structure (3) Consideration of cells from standpoint of morphology at level of light and electron microscopes, cytodifferentiation, histochimistry and recent advances in cytological techniques. Prerequisites: BIOL 151 or 125, and 152. Spring or Fall.

BIOL 322 – Introduction to Genomics (4) This course focuses on the theory and methods of analyzing large genetic data sets and their application to biological problems, including sequence alignment and search methods, gene prediction, phylogenetic trees, and microarray analysis. Lab required. Prerequisite: BIOL 311. Spring.

BIOL 325 – Morphology of Lower Plants and Algae (4) Evolutionary trends, life cycles and economic importance of nonflowering plants. Recent changes in classification and systematics are presented. Prerequisites: BIOL 151 or 125, and 152. Lab required. Fall.

BIOL 326 – Morphology of Higher Land Plants (3) Interrelationships, life cycles, and economic significance of seed plants. Role of plant cells, tissues and organs in relation to biological processes of plants. Modern techniques in plant systematics are presented. Prerequisites: BIOL 151 or 125, and 152. Lab required. Spring.

BIOL 330 – Natural History of Lower Vertebrates (4) Life histories, systematics, behavior, ecological relationships, distribution, reproduction, and evolution of protochordates, fish, amphibians, and reptiles. Emphasis on species of the northeastern United States and Canada. BIOL 151 or 125, and 152. Lab required. Fall.

BIOL 331 – Natural History of Higher Vertebrates (4) Life histories, systematics, behavior, distribution, reproduction and evolution of birds and mammals. Emphasis on species of the northeastern United States and Canada. Prerequisites: BIOL 151 or 125, and 152. Lab required. Spring.

BIOL 333 – Biogeography (3) Biomes of the world past and present. Emphasis on evolutionary, ecological and geographic factors and principles which determine distribution of plants and animals. Prerequisites: BIOL 151 or 125, and 152. Gen Ed: SI credit. Fall.

BIOL 334 – Biology of Woody Plants (3) Identification and ecological and silvicultural characteristics, natural history, distribution and economic uses of native and introduced woody plants (trees, shrubs and vines). Laboratory exercises and field trips will include visits to diverse natural habitat types in the area, as well as the Botanical Gardens in Montreal and some private lands. BIOL 151 or 125, and 152. Fall.

BIOL 336 – Biology of the St. Lawrence River (4) A basic course in river biology. Topics will include aquatic and semi-aquatic plant and animal life, habitat composition and variation and various physical aspects of the aquatic environments. Emphasis will be placed on field projects. Summer.

BIOL 350 – Biotic Communities of South Florida (3) Two week field trip to south Florida over Winterim to visit unique biotic communities including subtropical hardwood forests, pine-palmetto scrub, mangroves, coral reefs, and several freshwater wetland communities such as cypress domes, wet sawgrass prairie and deepwater sloughs. Participants will see first-hand the ecological problems that beset this part of the country, including water diversion for agriculture, intense urbanization, and the introduction of numerous exotic plants and animals, and will meet with scientists and agency officials charged with management responsibilities for this unique region. Limit to 14 students. Prerequisites: BIOL 300 or permission of instructor. Fall.

BIOL 351 – Biology of Northern Ecosystems (3) Intensive primer on the structure and function of ecological communities, focusing on ecosystems occurring in the northern forest and coastal regions of North America. The course will include an extended field trip to visit terrestrial, wetland, and aquatic biotic communities from northern New York through northern New England and the Canadian Maritime Provinces. Methods of sampling plants, invertebrates and vertebrates will be demonstrated. Individual plant collections will be required. Prerequisites: BIOL 151 or 125, and 152. Summer.

BIOL 352 – Tropical Ecology and Conservation (3) Two week field trip to a tropical region of the world over Winterim to visit and experience biological communities and ecosystems present in these regions, including, but not limited to, rain forest, dry deciduous forest, savannah, freshwater wetlands, mangrove forest and coral reefs. Participants will see and explore in detail the conservation issues that occur in tropical environments and experience how different cultures propose solutions to environmental problems. Four 2-3 hour lecture periods will precede the field trip. Prerequisites BIOL 300 or BIOL 402 and/or permission of instructor. Limit to 16 students. Fall.

BIOL 355 – Invertebrate Biology (4) A survey of the invertebrate animals: their form, function, ecology, behavior and evolution. Lab required. Prerequisites: BIOL 151 or 125, and 152. Spring, alternate years.

BIOL 360 – Neurobiology (3) Morphology of neurons, synapses, spinal cord and brain stem; physiological factors: neurotransmitters, reex pathways, neuendoecrinology and biological rhythms. Prerequisites: BIOL 151 or 125, and 152. Fall or Spring.

BIOL 375 – Behavioral Evolution (4) Upper level animal behavior course with a laboratory. Primary literature and independent laboratory projects will help students understand the scientific process. Prerequisites: BIOL 151 or 125, and 152. Fall, alternate years.

BIOL 400 – Field Ecology (4) A field-oriented course utilizing local terrestrial, wetland and aquatic ecosystems to illustrate and apply concepts presented in BIOL 300. This course emphasizes making observations of the natural world, recording them systematically and generating hypotheses to be tested experimentally. Methods of collecting data will be presented and will include identification of local plants and animals. Prerequisites: BIOL 300. Gen Ed: WI credit. Fall.

BIOL 401 – Advanced Exercise Physiology (4) This course will provide an understanding of how the body responds physiologically to exercise and the anatomy that allows for these physiological responses. The course will also explore how the body responds to various forms of training under various conditions. In the lab portion of the course students will get hands-on experience with many of the key principles in exercise physiology. Lab required. Prerequisites: BIOL 151 and 152. Fall or Spring.

BIOL 402 – Conservation Biology (3) The application of scientific principles to understanding and solving the conservation problems facing most of the Earth’s ecosystems and species. This discipline is both derived from and nested within such areas of biological science as ecology, wildlife and fisheries management, zoology and botany and draws heavily on expertise from physiologists, microbiologists, molecular biologists and population geneticists. This course will be a mix of
BIOL 403 – Human Anatomy and Physiology 1 (4) Detailed structure and function of human cells, tissues, organs, and organ systems. The lab will focus on the anatomy of each system and on physiological experiments relating to several systems. BIOL 403 will focus on an introduction to human anatomy and physiology, cells, tissues, integument, and the skeletal, muscular, and nervous systems. Lab required. Prerequisites: BIOL 151 and 152. Fall.

BIOL 404 – Human Anatomy and Physiology 2 (4) Detailed structure and function of human cells, tissues, organs, and organ systems. The lab will focus on the anatomy of each system and on physiological experiments relating to several systems. BIOL 404 will focus on the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, reproductive systems. Lab required. Prerequisites: BIOL 151 and 152. Fall.

BIOL 405 – The Origin of Species (3) This seminar course focuses on Charles Darwin’s seminal book, The Origin of Species. This book will be explored within the context of modern biology, including the topics of natural selection, phylogenetics, biogeography, and sexual selection. In addition, the book’s historical and sociological impacts and underpinnings will be examined. Prerequisites: BIOL 300 and 311. Spring, alternate years.

BIOL 407 – Cell Physiology (4) Metabolic reactions and physiology of plant and animal cells together with studies of molecular, biochemical, and histological aspects of these cells. Lab required. Prerequisites: BIOL 151 or 125, and 152, and CHEM 341. Fall.

BIOL 409 – Fresh Water Ecology (4) Adaptations and ecological relationships of freshwater organisms. Physical and chemical properties of water will also be examined; emphasis will be placed on local ecosystems such as Adirondack lakes, streams, and the St. Lawrence River. Pre-requisite BIOL 151 or 125, and 152. Lab required. Fall, alternate years.

BIOL 410 – Human Physiology (4) Basic principles of human physiology, locomotion, digestion, respiration, circulation, endocrine and neural control mechanisms, reproduction, and biological rhythms. Lab required. Pre-requisite BIOL 125. Spring.

BIOL 413 – Neurophysiology (4) Structure and function of nervous system including neural transmission, neurotransmitters, sensory and motor systems, the brain, behavior, and memory. Lab required. Pre-requisite BIOL 125. Spring.

BIOL 415 – Virology (3) Basic physical, chemical and biological properties of plant, animal and bacterial viruses. Prerequisite: BIOL 125. Fall, alternate years.

BIOL 418 – Microbial Diseases & Anthropod Vectors (3) This course aims to highlight the pathogens and pests that plague humans, and is designed for students who are interested in medicine, microbiology, entomology, and evolution. The course will cover pathogen/host and pathogen/host/anthropod interactions, recognition and identification of vectors and disease, and an understanding of epidemiology. Prerequisite: BIOL 320. Spring, alternate years.

BIOL 420 – Medical Microbiology (3) Principles of immunology, pathogenesis, prevention and control of bacterial, fungal, viral and protozoan diseases. Prerequisite: BIOL 320. Spring.

BIOL 425 – Techniques in Molecular Biology (3) Experimental approach to structure and function of biologically active molecules in living systems and their integration. Prerequisites: BIOL 125, 152, CHEM 341, 342, and permission. Spring.

BIOL 426 – Immunobiology (3) Higher vertebrates immune response. Structure of immune system, cellular phagocytosis, antigen-antibody interaction, regulation of the immune response and immunological techniques. Prerequisites: BIOL 125, and 152, and 1 semester of Organic Chemistry or permission. Spring.

BIOL 431 – Developmental Biology (3) Fundamentals of embryogenesis using molecular, biochemical and organismal methods of study. Development of animals and plants will be considered, with emphasis on cellular and tissue levels of organization. Prerequisites: BIOL 125, and 152. Gen Ed: WI credit. Spring.

BIOL 440 – Comparative Animal Physiology (4) Functions of organs, organ systems and entire organisms of selected vertebrate examples. Major topics: respiration and metabolism, osmoregulation, circulation, digestion and nutrition, sensory phenomena, reproduction and endocrinology, temperature regulation and adaption to various environments. Lab required. Prerequisites: BIOL 311 & CHEM 341. Fall or Spring.

BIOL 442 – Population Ecology (3) Population Ecology serves as a second course in ecology. A population is a group of plants, animals, or other organisms, all of the same species, that live together and reproduce. While much of biology is centered on how individuals grow and reproduce - population ecology focuses on the population as the lowest common unit of life. This course will address the fundamental ideas of population and community ecology as they relate to size, composition, and distribution of populations and the processes that determine these attributes of populations. While this course focuses on the theories and mathematical formulations of population ecology, we must remember the goal is to better understand natural populations. Prerequisites: BIOL 300 & MATH 151. Fall, alternate years.

BIOL 445 – Human Genetic Diseases (3) An examination of the inheritance and the molecular and phenotypic basis of human genetic diseases. Diagnoses, treatments, and societal implications of genetic-based diseases are also explained. Minimum requirement of Junior standing. Prerequisites: BIOL 105 or BIOL 311. Gen Ed: WI credit. Fall, alternate years.

BIOL 455 – Molecular Genetics (3) In-depth examination of the molecular aspects of gene control, including control of replication, transcription, and translation. Prerequisite: BIOL 311. Gen Ed: WI credit. Fall, alternate years.

BIOL 475 – Biology Laboratory Techniques (1) Experience in laboratory instruction under supervision and guidance of staff member. Prerequisite: 15 semester hours of biology and permission. Fall and Spring.

BIOL 480 – Advanced Topics in Biology (1-3) Individual and group study of problems in biology. Prerequisite: 15 semester hours of biology. Fall and Spring.

BIOL 483 – Current Topics in Biology (2-3) Investigations of topics of current interest with class discussions and oral presentations. Topics vary from instructor to instructor. Prerequisite: Junior standing. Gen Ed: SI credit. Fall and Spring.

BIOL 485 – Research in Biology (1-3) Designing, performing, interpreting and summarizing research project under supervision and guidance of staff member. Prerequisite: determined by nature of project, and permission. Fall and Spring.

Department of Chemistry
Contact Person: Clifford S. Rossiter, Chair
304 Stowell, 315-267-2270, rossitics@potsdam.edu

Professors: Maria Hepel, Martin Walker
Associate Professors: Fadi Bou-Abdallah, David Gingrich, Clifford Rossiter

Procedures for Declaring a Major or Minor
Students should consult with the Department of Chemistry chair. An adviser will be assigned to ensure that requirements are completed.

Health Professions
Both Chemistry and Biochemistry are among majors commonly selected to prepare for careers in the Health Professions such as medical school. See the Pre-Professional Programs section on page 65 for more detailed information about course selection.

3-2 Double Degree Program in Chemistry and Engineering
This program prepares students who have educational and career interests in both chemistry and engineering. The student spends the first three years enrolled at SUNY Potsdam. During the second and third years the student’s course load includes engineering courses cross-registered at Clarkson University. The fourth and fifth years are full-time at Clarkson University. At the end of the fifth year the student receives both a B.A. degree from SUNY Potsdam in chemistry and a B.S. degree in engineering.
from Clarkson University in the engineering field of his or her choice, explained on page 63.

First-year students must register for PHYS 103, MATH 151 and CHEM 105 during the first semester in order to complete all requirements in three years.

**Chemistry Major (B.A.)**
33 credit hours required. Plus 16 credits of cognates.

*All courses are 3 credits unless noted. Credits are divided as follows:*

<table>
<thead>
<tr>
<th>Credits</th>
<th>Required Courses</th>
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<tbody>
<tr>
<td>30</td>
<td>CHEM 105 General Chemistry 1: Lecture and Lab (4 credits)</td>
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<tr>
<td></td>
<td>CHEM 106 General Chemistry 2: Lecture and Lab (4 credits)</td>
</tr>
<tr>
<td></td>
<td>CHEM 311 Quantitative Analysis: Lecture and Lab (4 credits)</td>
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<td></td>
<td>CHEM 341 Organic Chemistry 1: Lecture and Lab (4 credits)</td>
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<tr>
<td></td>
<td>CHEM 342 Organic Chemistry 2: Lecture and Lab (4 credits)</td>
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<tr>
<td></td>
<td>CHEM 408 Chemistry Topics (1 credit)</td>
</tr>
<tr>
<td></td>
<td>CHEM 409 Seminar in Chemistry (1 credit)</td>
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<tr>
<td></td>
<td>CHEM 451 Physical Chemistry 1: Lecture and Lab (4 credits)</td>
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<tr>
<td></td>
<td>CHEM 452 Physical Chemistry 2: Lecture and Lab (4 credits)</td>
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</table>

**Elective Course** 3
Under advisement from the department's elective course offerings.

**Cognate Requirements** 16
MATH 151* Calculus I (4 credits)
MATH 152 Calculus II (4 credits)
PHYS 103** University Physics I: Lecture and Lab (4 credits)
PHYS 104** University Physics II: Lecture and Lab (4 credits)

*Completion of both MATH 141 & 142 may be substituted for MATH 151.

**With the permission of the chair, PHYS 101, 202 may be substituted for PHYS 103, 204.

**Recommended Coursework Outside the Major**
Consult with a department adviser.

**Special Notes**
1. Students graduating with a chemistry major (B.A.) must complete 30 credit hours in the major with at least a 2.0 in each course.
2. Students interested in the Chemical Engineering Double Degree Program should initiate contact with the Chemistry Department as soon as possible.
3. Since both calculus and physics are prerequisites for CHEM 451 and 452, students considering chemistry, biochemistry, medicine and related fields are urged to start the cognate sequences as soon as possible.
4. Students may not double major in chemistry and biochemistry.
5. Recitations cannot be counted as the elective course.

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**Chemistry Major (B.S.)**
48-49 credit hours required. Plus 19-20 credits of cognates.

*All courses are 3 credits unless noted. Credits are divided as follows:*

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<tr>
<th>Credits</th>
<th>Required Courses</th>
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<tbody>
<tr>
<td>45</td>
<td>CHEM 105 General Chemistry 1: Lecture and Lab (4 credits)</td>
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<tr>
<td></td>
<td>CHEM 106 General Chemistry 2: Lecture and Lab (4 credits)</td>
</tr>
<tr>
<td></td>
<td>CHEM 311 Quantitative Analysis: Lecture and Lab (4 credits)</td>
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<td></td>
<td>CHEM 341 Organic Chemistry 1: Lecture and Lab (4 credits)</td>
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<td></td>
<td>CHEM 342 Organic Chemistry 2: Lecture and Lab (4 credits)</td>
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<td></td>
<td>CHEM 408 Chemistry Topics (1 credit)</td>
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<td>CHEM 409 Seminar in Chemistry (1 credit)</td>
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<td>CHEM 415 Instrumental Analysis: Lecture and Lab (4 credits)</td>
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<td>CHEM 425 Biochemistry 1: Lecture and Lab (4 credits)</td>
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<td>CHEM 433 Inorganic Chemistry (3 credits)</td>
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<td></td>
<td>CHEM 434 Inorganic Chemistry Laboratory (1 credit)</td>
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<td></td>
<td>CHEM 451 Physical Chemistry 1: Lecture and Lab (4 credits)</td>
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<td></td>
<td>CHEM 452 Physical Chemistry 2: Lecture and Lab (4 credits)</td>
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<td>CHEM 497 Research Problems (1-3 credits)</td>
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<tr>
<td>3-4</td>
<td>CHEM 426 Biochemistry 2: Lecture and Lab (4 credits)</td>
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<td></td>
<td>CHEM 444 Advanced Organic Chemistry</td>
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<td></td>
<td>CHEM 448 Advanced NMR Spectroscopy</td>
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<td>CHEM 462 Chemical Spectroscopy and Reaction Dynamics</td>
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<td></td>
<td>CHEM 480 Advanced Analytical Chemistry</td>
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<td>CHEM 495 Special Topics (1-3 credits)</td>
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**Advanced Chemistry Elective:** one of the following 3-4
CHEM 426 Biochemistry 2: Lecture and Lab (4 credits)
CHEM 444 Advanced Organic Chemistry
CHEM 448 Advanced NMR Spectroscopy
CHEM 462 Chemical Spectroscopy and Reaction Dynamics
CHEM 480 Advanced Analytical Chemistry
CHEM 495 Special Topics (1-3 credits)

**Cognate Requirements** 19-20
MATH 151* Calculus I (4 credits)
MATH 152 Calculus II (4 credits)
One of the following:
MATH 253 Multivariate Calculus (4 credits)
PHYS 370 Mathematical Physics (3 credits)
PHYS 103** University Physics I: Lecture and Lab (4 credits)
PHYS 104** University Physics II: Lecture and Lab (4 credits)

*Completion of both MATH 141 & 142 may be substituted for MATH 151.

**With the permission of the chair, PHYS 101, 202 may be substituted for PHYS 103, 204.

**Special Notes**
1. Students graduating with a chemistry major (B.S.) must complete 45 credit hours in the major with at least a 2.0 in each course.
2. The Chemistry major (B.S.) fulfills the requirements for an American Chemical Society (A.C.S.) certified degree.
3. Students interested in the Chemical Engineering Double Degree Program should initiate contact with the Chemistry Department as soon as possible.
4. Since both calculus and physics are prerequisites for CHEM 451 and 452, students considering chemistry, biochemistry, medicine and related fields are urged to start the cognate sequences as soon as possible.
5. Students may not double major in Chemistry and Biochemistry.
6. Recitations cannot be counted as Advanced Chemistry Electives.
Biochemistry Major (B.S.)
40 credit hours required. Plus 32 credits of cognates.

All courses are 3 credits unless noted. Credits are divided as follows:

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<tr>
<th>Credits</th>
<th>Required Courses</th>
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<tbody>
<tr>
<td>34</td>
<td>CHEM 105 General Chemistry 1: Lecture and Lab (4 credits)</td>
</tr>
<tr>
<td></td>
<td>CHEM 106 General Chemistry 2: Lecture and Lab (4 credits)</td>
</tr>
<tr>
<td></td>
<td>CHEM 311 Quantitative Analysis: Lecture and Lab (4 credits)</td>
</tr>
<tr>
<td></td>
<td>CHEM 341 Organic Chemistry 1: Lecture and Lab (4 credits)</td>
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<tr>
<td></td>
<td>CHEM 342 Organic Chemistry 1: Lecture and Lab (4 credits)</td>
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<tr>
<td></td>
<td>CHEM 408 Chemistry Topics (1 credit)</td>
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<td></td>
<td>CHEM 409 Seminar in Chemistry (1 credit)</td>
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<tr>
<td></td>
<td>CHEM 425 Biochemistry 1: Lecture and Lab (4 credits)</td>
</tr>
<tr>
<td></td>
<td>CHEM 426 Biochemistry 2: Lecture and Lab (4 credits)</td>
</tr>
<tr>
<td></td>
<td>CHEM 451 Physical Chemistry 1: Lecture and Lab (4 credits)</td>
</tr>
</tbody>
</table>

| Electives: chosen from the following | 6 |
| BIOL 407 Cell Physiology: Lecture and Lab (4 credits) |
| BIOL 410 Human Physiology (4 credits) |
| BIOL 420 Medical Microbiology |
| BIOL 426 Immunobiology |
| BIOL 483 Current Topics in Biology (2-3 credits) |
| BIOL 485 Research in Biology (1-3 credits) |
| CHEM 415 Instrumental Analysis: Lecture and Lab (4 credits) |
| CHEM 433 Inorganic Chemistry |
| CHEM 434 Inorganic Chemistry Lab (1 credit) |
| CHEM 444 Advanced Organic Chemistry |
| CHEM 452 Physical Chemistry 2: Lecture and Lab (4 credits) |
| CHEM 495 Special Topics (1-3 credits) |
| CHEM 497 Research Problems (1-3 credits) |

| Cognate Requirements | 32 |
| BIOL 151 General Biology I: Lecture and Lab (4 credits) |
| BIOL 152 General Biology II: Lecture and Lab (4 credits) |
| BIOL 311 Genetics: Lecture and Lab (4 credits) |
| BIOL 320 Microbiology, Lecture and Lab (4 credits) |
| MATH 151 Calculus I (4 credits) |
| MATH 152 Calculus II (4 credits) |
| PHYS 103 University Physics I: Lecture and Lab (4 credits) |
| PHYS 104 University Physics II: Lecture and Lab (4 credits) |

*Completion of both MATH 141 & 142 may be substituted for MATH 151.
**With the permission of the chair, PHYS 101, 202 may be substituted for PHYS 103, 104.

Recommended Coursework Outside the Major
Consult with a departmental adviser.

Special Notes
1. Students graduating with a major in biochemistry must complete 52 hours in the required chemistry and biology courses with at least a 2.0 in each course.
2. Students majoring in biochemistry should plan on taking CHEM 425 and 426 during their junior year. They are also encouraged to take BIOL 151, 152, 311 and 320 prior to Biochemistry 1: Lecture and Lab.
3. Since both calculus and physics are prerequisites for CHEM 451, students are encouraged to start the cognate sequences as soon as possible.
4. Students may not double major in chemistry and biochemistry.
5. Recitations cannot be counted as elective courses.

Chemistry Minor
22 credit hours required. Closed to Chemistry and Biochemistry majors.

The chemistry minor represents a valuable complementary field of study especially for students majoring in biology, geology, criminal justice and physics or experimental psychology. It is also possible that students in non-scientific areas of the liberal arts will find this minor very rewarding and valuable part of their general education.

Special Note: Students must maintain an average grade of 2.0 in courses counted toward the minor.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>CHEM 105 General Chemistry 1: Lecture and Lab (4 credits)</td>
</tr>
<tr>
<td></td>
<td>CHEM 106 General Chemistry 2: Lecture and Lab (4 credits)</td>
</tr>
</tbody>
</table>

| Elective Courses | 14 |
| Under advisement from the department's elective course offerings. |
| Only one non-major chemistry course may be counted towards the chemistry minor. |
| Recitations cannot be counted as elective courses. |

Chemistry Course Descriptions
CHEM 195, 295, 395, 495 – Special Topics (1-12)
CHEM 198, 298, 398, 498 – Tutorial (1-3)
CHEM 100 – Chemistry (3-4) Selected chemical topics of biological, consumer and environmental importance. For students who need a firm base in the sciences, but who will not major in the sciences. Gen Ed: SP credit; also F5 credit for 4 hour section. Fall and Spring.
CHEM 101 – Chemistry and Human Health (3) Introductory chemistry course for students interested in health-related professions. The course examines how chemistry is vitally involved in almost every aspect of our life and explores several topics as they relate to human health including food, food additives and vitamins, fitness and health, drugs, toxins, green-house emissions, nuclear energy, herbicides and pesticides and global problems such as improper nutrition and diseases. The overall aim is to provide students with a good chemical and scientific background to be able to make informed decisions in an increasingly complex technological society. 100 % online course offered in summer and winter. Prerequisite: good background in high school chemistry and biology. Gen Ed: SP.
CHEM 105 – General Chemistry 1: Lecture (3) An introductory chemistry course for students majoring in a science curriculum or for students who wish to study additional science. Experience in high school science and mathematics is recommended. Laboratory required. Recitation offered at instructor’s discretion. Gen Ed: SP & LB credit. Fall.
CHEM 106 – General Chemistry 2: Lecture (3) Continuation of CHEM 105. Prerequisite: CHEM 105 or equivalent. Laboratory required. Recitation offered at instructor’s discretion. Gen Ed: SP & LB credit. Spring.
CHEM 125 – Matter and Energy: Lecture (2) This lecture course is designed for Early Childhood and Childhood Education majors. Matter and Energy is a physical science course which addresses the properties of matter, both physical and chemical, the various forms of energy and the interconnectedness of matter and energy. Laboratory required. Gen Ed: SP & LB credit.
CHEM 301 – Fundamentals of Environmental Science (3) A one-semester, non-majors lecture course. After an overview of some science and environment fundamentals, a few issues of current interest are covered in depth. Issues recently covered include stratospheric ozone depletion, global warming, air & water pollution, and acid rain. Prerequisite: one semester of college science. Gen Ed: SP credit. Fall and/or Spring.

CHEM 304 – Chemical Laboratory Techniques (1-2) Practical experience in assisting in the teaching of chemistry laboratories. Prerequisites: one or two years of college chemistry and permission. Fall and Spring.

CHEM 308 – Chemistry Topics (1) The emphasis is on the use of the chemical literature, writing a scientific paper and participating in seminars given by invited speakers from academia and industry. Prerequisites: two years of college chemistry or permission. Fall.

CHEM 309 – Seminar in Chemistry (1) Continuation of CHEM 308. The emphasis is on presenting a seminar from the chemical literature. Prerequisite: CHEM 308 or permission. Gen Ed: SI credit. Spring.

CHEM 311 – Quantitative Analysis: Lecture (2) Classical and modern methods of chemical quantitative analysis relevant to biology, chemistry, geology, environmental science, and physics. Prerequisite: CHEM 106 or equivalent. 2 credit laboratory required. Recitation offered at instructor’s discretion. Fall.

CHEM 315 – Forensic Science (3) The basic concepts and principles of forensic science are introduced. The purpose of the course is to teach the student some of the fundamental experimental skills as well as the theory behind them. In addition, some of the principles discussed in lecture are illustrated such as fingerprinting, fiber analysis, arson, explosives, glass analysis, and soil analysis. Gen Ed: SP credit. Spring.

CHEM 321 – The Sustainable World (3) This course will examine sustainability and sustainable development from a scientific perspective. It will consider how we manage our resources, and the role of science and technology in moving towards a sustainable world. Prerequisite: One semester of college science. Summer or Winterim.

CHEM 341 – Organic Chemistry 1: Lecture (3) Emphasis is on structure, reactions and reaction mechanisms of organic molecules. Various functional groups are considered while incorporating discussion of experimental methods. Prerequisite: CHEM 106. Laboratory required. Recitation offered at instructor’s discretion. Fall.


CHEM 415 – Instrumental Analysis: Lecture (2) Instruments and their use in chemical analysis, materials characterization, identification and imaging. Course is of great importance not only for Chemistry majors, but also for Biology, Geology and Physics majors. Laboratory required: experiments involve hands-on experience with spectropctic, chromatographic, electrochemical and microscopic methods including Scanning Electron Microscopy, Atomic Force Microscopy, Scanning Tunneling Microscopy and Friction Force Microscopy. Gen Ed: lab section receives WI credit. Recitation offered at instructor’s discretion. Spring.


CHEM 425 – Biochemistry 1: Lecture (3) The study of biomolecules. Topics include protein structure and function, lipids, enzyme function and regulation, biomembranes and membrane transport, carbohydrates, nucleic acid structure, bioenergetics, and aspects of molecular genetics. Prerequisite: CHEM 342. Laboratory required: methods may include protein purification, molecular visualization, enzyme kinetics, chromatography, bioinformatics, electrophoresis, blotting, sequence analysis, and molecular genetic techniques such as DNA cloning, PCR, restriction endonuclease analysis and sequencing of DNA. Recitation offered at instructor’s discretion. Fall.

CHEM 426 – Biochemistry 2: Lecture (3) A continuation of Biochemistry 1 topics with an emphasis on metabolism. Topics include the metabolism of carbohydrates, lipids, nucleic acids, and amino acids, integrated with the production and utilization of cellular energy. Other advanced topics may be included as time permits. Prerequisites: CHEM 425. Laboratory required. Recitation offered at instructor’s discretion. Spring.

CHEM 433 – Inorganic Chemistry (3) Descriptive inorganic chemistry based on physical and theoretical concepts. Corequisite: CHEM 451 or instructor’s permission. Spring.

CHEM 434 – Inorganic Chemistry Laboratory (1) A laboratory course in which the emphasis is on the synthesis and characterization of inorganic compounds while using modern synthetic and instrumental techniques. Corequisite: CHEM 433. Spring.

CHEM 444 – Advanced Organic Chemistry (3) Modern methods of organic synthesis, including synthesis design, experimental aspects, and the total synthesis of natural products and other complex molecules.

CHEM 448 – Advanced NMR Spectroscopy: Lecture (2) The basic principles of Nuclear Magnetic Resonance (NMR) spectroscopy will be introduced and discussed and selected experiments will be used to teach the basic skills needed to operate the instrument and to interpret data. More advanced topics, skills and experiments will follow. Laboratory required.

CHEM 451 – Physical Chemistry 1: Lecture (3) Application of fundamental physical laws and theories to the study of chemistry, concentrating on gas properties, thermodynamics and electrochemistry. Prerequisites: PHYS 104, 204, MATH 151, and 152. Prerequisite or Corequisite: CHEM 311. Laboratory required. Recitation offered at instructor’s discretion. Gen Ed: lab section receives WI credit. Fall.

CHEM 452 – Physical Chemistry 2: Lecture (3) Continuation of CHEM 451, concentrating on kinetics, chemical equilibria and electrochemistry, quantum mechanics and spectroscopy. Prerequisite: CHEM 451 or instructor’s permission. Laboratory required. Recitation offered at instructor’s discretion. Gen Ed: lab section receives WI credit. Spring.

CHEM 462 – Chemical Spectroscopy and Reaction Dynamics (3) An advanced physical chemistry course which focuses on photochemistry, chemical kinetics, spectroscopy and reaction dynamics. Prerequisite: CHEM 452 or instructor’s permission. As warranted.

CHEM 480 – Advanced Analytical Chemistry (3) The objective of this course is to introduce the theoretical and experimental bases of new, modern analytical techniques including Scanning Tunneling Microscopy (STM), Atomic Force Microscopy (AFM), Friction Force Microscopy (FFM), advanced voltammetric techniques, the Electrochemical Quartz Crystal Nanobalance (EQCN), Stripping Voltammetry, Photoelectrochemistry and Spectroelectrochemistry. Practical applications of these techniques will be discussed as they apply to the following topics: measurements of forces between molecules, including antigen/antibody interactions, DNA hybridization, defective gene detection, characterization of new nanostructured materials, solar cells, corrosion studies and detection of heavy metals and pesticides. Prerequisite: CHEM 311.

CHEM 497 – Research Problems (1-3) Laboratory research problem with direction of faculty member. Prerequisite: Permission. Fall and Spring.

Department of Computer Science

Contact Person: Susan Haller, Chair
303 Dunn, 315-267-2216, hallersm@potsdam.edu

Professors: Timothy Fossum, Susan Haller
Associate Professor: Brian Ladd, Christopher Lanz,

The Computer Science Department offers a Bachelor of Science degree in Computer Science and a Bachelor of Arts degree with two tracks: Computer Science and Information Systems. In addition, we offer a minor in Computer Science.

Our curriculum continues to respond to advances in technology and the needs of business and industry. A Board of Advisers, drawn in part from over 3,500 alumni, meets twice a year to review and support initiatives and to help shape the department’s future. Students benefit from practical experience through internships or senior projects.
Computer Science Major (B.S.)
46 credit hours required. Plus 22-23 credits of cognates.

The B.S. degree option in Computer Science is appropriate if you want to pursue a career as a computing professional or to enter graduate school. This degree option includes coursework in software design, the theory of computation, algorithms, computer systems, networks, programming languages, and software engineering. The B.S. degree option also includes required courses in mathematics and a science sequence.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>Required Courses</td>
</tr>
<tr>
<td>CIS 201 Computer Science I (4 credits)</td>
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<tr>
<td>CIS 203 Computer Science II (4 credits)</td>
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<tr>
<td>CIS 300 Foundations of Computer Science* (4 credits)</td>
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<tr>
<td>CIS 301 Theory of Computation</td>
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<tr>
<td>CIS 303 Algorithm Analysis and Design</td>
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<tr>
<td>CIS 310 Operating Systems</td>
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<tr>
<td>CIS 356 Assembly Language and Computer Architecture (4 credits)</td>
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<td>CIS 380 Professional Practice</td>
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<td>CIS 405 Software Engineering</td>
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<td>CIS 410 Computer Networks</td>
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<tr>
<td>CIS 443 Programming Languages</td>
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<tr>
<td>CIS xxx CS Elective (3xx or 4xx)</td>
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<tr>
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</table>

Capstone Experience (see information on next page) 3
One of the following:
- CIS 480 Senior Project
- CIS 490 Computer Science Internship

Cognate Requirements in Mathematics 14-15
- MATH 125 Probability and Statistics I**
- MATH 151 Calculus I (4 credits)
- MATH 152 Calculus II (4 credits)
One of the following:
- MATH 253 Multivariate Calculus (4 credits)
- MATH 375 Linear Algebra I
- MATH 423 Modern Algebra I
- PHYS 370 Mathematical Physics

Cognate Requirements in Science 8
One of the following:
- BIOL 151 & 152 General Biology I & II (2 @ 4 credits)
- CHEM 105 & 106 General Chemistry I & 2 (2 @ 4 credits)
- PHYS 103 & 104 University Physics I & II (2 @ 4 credits)

Computer Science Track
39-40 credit hours required. Plus 11 credits of cognates.

The Computer Science track in the CS major (B.A. Degree option) is designed for general study of the principles and practice of computing and is appropriate if you want to keep your career options open, if you want to combine your study of computer science with a second major in another field, or if you are starting out your study of computer science later in your college career. This track includes coursework in theory of computation, computer systems hardware and software, programming, algorithms, networks, and software engineering. The Computer Science track includes required courses in mathematics.

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<tr>
<td>CIS 356 Assembly Language and Computer Architecture (4 credits)</td>
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<tr>
<td>All of the following:</td>
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<tr>
<td>CIS 380 Professional Practice</td>
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<tr>
<td>CIS 405 Software Engineering</td>
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<td>CIS 410 Computer Networks</td>
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<tr>
<td>CIS xxx CIS Elective (3xx or 4xx)</td>
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<tr>
<td>CIS xxx CIS Elective (3xx or 4xx)</td>
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</table>

Capstone Experience (see information below) 3
One of the following:
- CIS 480 Senior Project
- CIS 490 Computer Science Internship

Cognate Requirements in Mathematics 11
- MATH 125 Probability and Statistics I**
- MATH 151 Calculus I (4 credits)
- MATH 152 Calculus II (4 credits)

Information Systems Track
30 credit hours required. Plus 25 credits of cognates.

The Information Systems track in the CS major (B.A. Degree option) is appropriate if you are interested in the design and deployment of business and e-commerce applications, in information technology project management, and in computing or networking infrastructure support. This track includes coursework in computer systems software, programming, networks, database systems, and software engineering, as well as basic courses leading to a minor in Business Administration.

All courses are 3 credits unless noted. Credits are divided as follows:

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<tr>
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<td>CIS 201 Computer Science I (4 credits)</td>
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<td>CIS 203 Computer Science II (4 credits)</td>
</tr>
<tr>
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<td>CIS 380 Professional Practice</td>
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<td>CIS 405 Software Engineering</td>
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<tr>
<td>CIS 410 Computer Networks</td>
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<tr>
<td>CIS 420 Database Systems</td>
</tr>
<tr>
<td>CIS xxx CIS Elective (3xx or 4xx)</td>
</tr>
</tbody>
</table>

Capstone Experience (see information below) 3
One of the following:
- CIS 480 Senior Project
- CIS 490 Computer Science Internship

Computer Science Major (B.A.)

Computer Science Track
39-40 credit hours required. Plus 11 credits of cognates.

The Computer Science track in the CS major (B.A. Degree option) is designed for general study of the principles and practice of computing and is appropriate if you want to keep your career options open, if you want to combine your study of computer science with a second major in another field, or if you are starting out your study of computer science later in your college career. This track includes coursework in theory of computation, computer systems hardware and software, programming, algorithms, networks, and software engineering. The Computer Science track includes required courses in mathematics.
Cognate Requirements in Business Administration

18 credits required. Plus 4 credits of cognates.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
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<tr>
<th>Course</th>
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<td>Required Courses</td>
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<td>CIS 201 – Computer Science I (4 credits)</td>
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</tr>
<tr>
<td>CIS 203 – Computer Science II (4 credits)</td>
<td></td>
</tr>
<tr>
<td>CIS 300 – Foundations of Computer Science** (4 credits)</td>
<td></td>
</tr>
<tr>
<td>CIS 3xx – CIS Elective (3xx or 4xx)</td>
<td></td>
</tr>
<tr>
<td>CIS 3xx – CIS Elective (3xx or 4xx)</td>
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</tr>
<tr>
<td>Cognate Requirements in Mathematics</td>
<td>7</td>
</tr>
<tr>
<td>MATH 125 – Probability and Statistics I**</td>
<td></td>
</tr>
<tr>
<td>MATH 151 – Calculus I (4 credits)</td>
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</tbody>
</table>

Notes for Computer Science Majors and Minors

*MATH 340 may be used to fulfill the CIS 300 requirement for double majors in Mathematics and Computer Science only.

**MATH 461 may be used to meet the MATH 125 requirement.

No courses other than CIS 201, CIS 480, or CIS 490 can be taken for S/U credit and applied toward the requirements for the major in Computer Science.

A student must have a GPA of at least 2.0 in the Computer Science major requirements to register for CIS 480 (Senior Project) or 490 (CS Internship).

3-2 Double Degree Program in Computer Science and Engineering

This program prepares students who have educational and career interests in both computer science and engineering. The first three years are spent enrolled at SUNY Potsdam, but during the second and third year, the student is a part-time student at Clarkson University. The fourth and fifth years are full time at Clarkson University. At the end of the fifth year the student receives both a B.A. from SUNY Potsdam in Computer Science and a B.S. degree from Clarkson University in the engineering field of his or her choice. First-year students must register for PHYS 103, MATH 151 and CIS 201 during their first semester in order to take subjects in sequence. See page 63.
programming, microprocessor systems and large-scale computer systems. Prerequisite: CIS 203. Fall.


CIS 405 – Software Engineering (3) An introduction to the creation of large, reliable software systems. Topics include: requirements and specification; formal, object-oriented, and agile methodologies; system design; validation, verification, and testing; quality, reliability, and safety; cost estimation and project metrics; management, maintenance, and reuse; software standards; software engineering tools. Prerequisite: CIS 203. Gen Ed: WI credit. Spring.

CIS 410 – Computer Networks (3) Digital communications, computer networks, protocol families; client-server architecture, network security. Prerequisite: CIS 203. Spring.

CIS 411 – Advanced Operating Systems (3) Design objectives of operating systems. Sequential processes, resource allocation, concurrent process control and communication, processor and memory management, virtual storage, program protection, effect of computer architecture on system design. Human factors interface. Prerequisite: CIS 310. As warranted.

CIS 420 – Database Systems (3) Information and storage and retrieval, data base systems, data modeling and the relational model, normalization, data description languages and SQL. Prerequisite: CIS 203. As warranted.

CIS 421 – Artificial Intelligence (3) Knowledge representation, searching and heuristics. Game and goal trees; graphs. Applications to game playing, theorem proving, pattern recognition and natural language processing. Prerequisite: CIS 203. As warranted.

CIS 428 – Real Time Programming (3) Techniques of interfacing real-world devices with computers and process control programming. Prerequisite: CIS 356. As warranted.

CIS 443 – Programming Languages (3) Comparative study of programming languages. Functional, logic and object-oriented paradigms. Syntactic and semantic issues in language design. Prerequisites: CIS 203 and 356. As warranted.

CIS 461 – Computer Graphics (3) Two- and three-dimensional computer graphics and graphics systems including command languages and system design. Prerequisites: CIS 203 and 300. As warranted.

CIS 463 – Compiler Construction (3) Constructing translators for computer programming languages. Organization of a compiler, symbol tables, lexical scan, storage allocation, object code generation, error diagnostic and code optimization. Top-down and bottom-up parsing. Compiler generation tools. Prerequisite: CIS 443. As warranted.


CIS 468 – Computer Systems Management (3) Seminar. Management and maintenance of networked systems. Configuration, installation, security. As warranted.

CIS 475 – Introduction to Cryptography (3) Mathematical tools for modern cryptography and cryptanalysis including elementary number theory, algebra, and probability theory. Survey of contemporary cipher systems, their security and complexity. Work includes programming projects and mathematics problems appropriate for the subject and level of the student. Prerequisite: CIS 300 or MATH 340. As warranted.

CIS 480 – Senior Project (3-6) Students perform a research project or substantial programming project under supervision of faculty. Project proposals, journals and formal reports are expected. Team projects are encouraged. Prerequisite: Upper division status; minimum GPA in CS Major requirements of 2.0. Graded S/U only. As warranted.

CIS 485 – Senior Seminar (3) Current practices and future developments in the broad field of Information Technology. Course will be managed by students under the supervision of a faculty member. Students will be responsible for identifying and inviting presenters, for selecting reading material for the class, and for summarizing and documenting information after the presentation. Prerequisite: Upper-division status. As warranted.

CIS 490 – Computer Science Internship (1-6) Students work in a real-world environment with business and industry or in conjunction with a member of the CS faculty. A program proposal must be prepared, regular measures of progress taken and reported upon, and a final report developed for presentation. Team projects may be undertaken. Prerequisite: Upper division status; minimum GPA in CS Major requirements of 2.0. Graded S/U only. As warranted.

Department of Economics

Contact Person: Dean of Arts & Sciences
106 Dunn Hall; Phone: 315-267-2231; Fax: 315-267-3140; charlea@potsdam.edu

Professor: Michael Nuwer
Assistant Professors: Shakuntala Das, Christa Kelson, Alla Semenova

The department offers majors in economics and business economics and a minor in economics.

Economics Major (B.A.)

31 credit hours required. Plus 7 credits of cognates.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>13</td>
<td>Required Courses</td>
</tr>
<tr>
<td>18</td>
<td>Elective Courses</td>
</tr>
<tr>
<td>7</td>
<td>Cognate Requirements</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>ECON 105 Principles of Microeconomics</td>
</tr>
<tr>
<td>11</td>
<td>ECON 110 Principles of Macroeconomics</td>
</tr>
<tr>
<td>3</td>
<td>ECON 355 Intermediate Microeconomics</td>
</tr>
<tr>
<td>3</td>
<td>ECON 360 Intermediate Macroeconomics</td>
</tr>
<tr>
<td>2</td>
<td>ECON 492 Senior Seminar (1 credit)</td>
</tr>
</tbody>
</table>

- Students must take at least six courses
- ECON 490 (Legislative Internship) and ECON 491 (Internship) may not be used to fulfill elective requirement.
- A list of qualified electives is kept in the department office.

Cognate Requirements

- STAT 100, MATH 125 or equivalent statistics course
- MATH 110 OR (MATH 141 and MATH 142) OR MATH 151

Special Notes

1. Economics majors must earn a minimum grade of 2.0 in every course counted toward the major (required, elective and cognate courses).
2. Students do not have to take ECON 105 and 110 in sequence. Students must receive a grade of 2.0 or higher in each appropriate prerequisite before taking upper-division economics courses.
3. Students may not count more than three lower-division courses toward the 31 credit hour requirement for the Economics major. These include ECON 105 and 110. Cognate requirements are excluded from this rule.
4. Students may not double-count more than two common courses between any majors and minors in the Department of Economics and the Department of Business Administration. Cognate requirements are excluded from this rule.
5. Transfer students are expected to meet the same major requirements as non-transfer students. Fifteen hours of the major work must be completed at Potsdam.
6. Students may not double major in Economics and Business Economics.

Business Economics Major (B.A.)
37 credit hours required. Plus 3 credits of cognates.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 105</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>ECON 110</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 492</td>
<td>Senior Seminar (1 credit)</td>
</tr>
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</table>

Group I (Microeconomics) one of the following

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ECON 355</td>
<td>Intermediate Microeconomics</td>
</tr>
<tr>
<td>ECON 455</td>
<td>International Economics</td>
</tr>
<tr>
<td>ECON 460</td>
<td>Industrial Organization</td>
</tr>
<tr>
<td>ECON 470</td>
<td>Economics of the Public Sector</td>
</tr>
</tbody>
</table>

Group II (Macroeconomics) one of the following

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 360</td>
<td>Intermediate Macroeconomic</td>
</tr>
<tr>
<td>ECON 441</td>
<td>Money and Banking</td>
</tr>
</tbody>
</table>

Elective Courses: choose eight courses

- Students must take at least three electives from Economics (ECON).
- Students must take at least two electives from ACCT, MGMT, and/or FINA.
- ECON 490 (Legislative Internship) and ECON 491 (Internship) may not be used to fulfill elective requirements.
- A list of qualified electives is kept in the department office.

Cognate Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT 100, MATH 125 or equivalent statistics course</td>
<td></td>
</tr>
</tbody>
</table>

Special Notes

1. Business Economics majors must earn a minimum grade of 2.0 in every course counted toward the major (required, elective and cognate courses).
2. Students need not take ECON 105 and 110 in sequence. Students must receive a grade of 2.0 or higher in each appropriate prerequisite before taking upper-division economics courses.
3. A minimum of 15 credit hours in the major must be at the upper-division level.
4. Students may not double-count more than two common courses between any majors and minors in the Department of Economics and the Department of Business Administration. Cognate requirements are excluded from this rule.
5. Transfer students are expected to meet the same major requirements as non-transfer students. Eighteen hours of the major course work must be completed at Potsdam.

Economics Minor
15 credit hours required. Closed to Economics and Business Economics majors.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 105</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>ECON 110</td>
<td>Principles of Macroeconomics</td>
</tr>
</tbody>
</table>

Elective Courses
Choose any three additional ECON courses

Economics Course Descriptions

ECON 105 – Principles of Microeconomics (3) This course examines theory of prices, efficient allocation of resources, distribution of income, and practices of business, labor organizations, and government. Gen Ed: SA credit. Students need not take ECON 105 and 110 in sequence. Fall and Spring.

ECON 110 – Principles of Macroeconomics (3) This course focuses on government finance, money and banking, income and employment, international economics and growth theories. Gen Ed: SA credit. Students need not take ECON 105 and 110 in sequence. Fall and Spring.

ECON 120 – The Modern Economy (3) The development of capitalism is traced from its origins in medieval society to the present day. The transitions examined include: the transformation from traditional to market based economy, the industrial revolution, economic crises, such as the Great Depression, and the expanded role of government. The course is concerned with these events themselves and with how economists explain them. It concludes with contemporary economic issues such as underdevelopment, globalization and the ecological overload created by the expanding economy. Gen Ed: SA credit. Fall, odd years.

ECON 302 – The Global Economy (3) A policy-oriented examination of current events in international economic relations. Topics include global economic interdependence; the politics and economics of U.S. trade policy; regional trading blocs; European monetary union; reform in transitional economies; U.S.-Japan and U.S.-E.U. economic relations; roles of the International Monetary Fund, World Bank, and World Trade Organization; and debt burdens of developing countries. A background in economics is not required. Prerequisite: Sophomore standing. Formerly Changing World Economy. Fall.

ECON 306 – United States Economic History (3) The course examines the transformation of economic institutions over the course of United States history. Topics include industrialization and technological change, the development of the financial system, the evolution of business and labor organizations, the business cycle of prosperity and depression, the changing roles of government in the economy and of the United States in the world economy. Prerequisite: Sophomore standing. Gen Ed: AH credit. Spring, even years.

ECON 311 – European Economic History (3) This course examines the economic development of Europe from the Middle Ages to the early twentieth century, with primary emphasis on the Industrial Revolution to World War I in Britain, France and Germany. It also studies the organization of economic activity; the role of the state...
and wage determination, investments in human capital, worker mobility, union
ECON 420 – Labor Economics (3) This course examines the demand and supply of
human resources including labor force participation and trends, compensation
and wage determination, investments in human capital, worker mobility, union
and collective bargaining in the private and public sectors. Prerequisite: ECON
105. As warranted.
ECON 431 – Comparative Economic Systems (3) The course examines different
forms of Economic Organization including major types of advanced capitalism,
different transition paths of former socialist countries and alternative approaches to
development. These are considered both theoretically and empirically. Prerequisite:
Sophomore standing. As warranted.
ECON 320 – Economy and Environment (3) The course compares different economic explanations of environmental degradation. It shows how these alternative theories provide the foundation for alternative approaches to environmental policy. Finally, it evaluates the environmental impact of specific areas of economic activity, such as agriculture, energy use and international trade. Prerequisite: Sophomore standing. Spring.
ECON 321 – Economic Development of Nations (3) This course analyzes theories of economic development and planning. It also covers other economic factors such as population growth, labor, capital, and technology. Prerequisite: ECON 105 and 110. As warranted.
ECON 326 – Current Economic Policy (3) This course examines major economic problems facing the United States. It also focuses on policy proposals for dealing with these economic challenges. Prerequisite: ECON 105 and 110. Gen Ed: WI credit. As warranted.
ECON 340 – Health Economics (3) This course studies how to apply microeconomic tools to analyze health and medical care issues. It starts with the special features of healthcare as a commodity, the demand for health and medical care services, and the functioning of insurance markets. Then the course turns to the economic explanations for the behavior of medical care providers such as hospitals and physicians, the special features of the health care labor market, and the behavior of the pharmaceutical industry. The course also examines the role of and economic justification for government involvement in the medical care system. Finally, it uses economic tools to compare different healthcare systems in the world and review and analyze various proposals for health care reform in US. Prerequisite: ECON 105. As warranted.
ECON 355 – Intermediate Microeconomics (3) This course examines pricing and resource allocation, theories of demand and supply, and price determination in competitive and noncompetitive markets. Prerequisite: ECON 105. Spring.
ECON 360 – Intermediate Macroeconomics (3) This course focuses on employment, output, and income determination. It also analyzes problems associated with short-run cyclical fluctuations and stabilization policy. Prerequisite: ECON 110. Fall.
ECON 365 – History of Economic Thought (3) This course deals with major economists and schools of economic thought from the earliest economic theorists to the present. It also describes how some economists have influenced the development of various economic systems. Prerequisite: Junior standing. Gen Ed: PI & SA credit. Fall, even years.
ECON 380 – Introduction to Econometrics (3) This course discusses basic statistical and mathematical concepts used in economic modeling. It covers two variable regression methods, multiple-variable regression methods and simultaneous-equation methods. Topics covered include: regression estimation, classical normality assumption, non-linear randomness, interval estimation, hypothesis testing, econometric inferences, the goodness of fit, and econometric model specifications. Prerequisite: ECON 105 and 110. As warranted.
ECON 401 – Financial Economics (3) The objective of this course is the study of theoretical foundations of modern financial economics. The course provides a survey of financial resource allocation over time under conditions of risk and uncertainty. The course will cover the general principles of modern finance including the time value of money, risk, insurance, capital market equilibrium and asset valuation, and asset pricing theory. Prerequisite: ECON 105 or 110. As warranted.
ECON 420 – Labor Economics (3) This course examines the demand and supply of human resources including labor force participation and trends, compensation and wage determination, investments in human capital, worker mobility, union
Department of English and Communication

Contact Person: Donald J. McNutt, Chair
118 Morey, 315-267-2043, mcnuttdj@potsdam.edu

Professors: David Fregoe, Judith Funston, Richard Henry, Alan Steinberg, Lisa Wilson

Associate Professors: James Donahue, Christine Doran, Christina Knopf, E. Victoria Levitt, Donald Maus, Donald McNutt, Jennifer Mitchell, Sharmain van Blommestein, John Youngblood

Assistant Professors: Trevor Blank, Rebecca Lehmann, Susan Novak, Liberty Stanavage

Lecturers: Nancy Berbrich, Stephanie DeGhett, Linda Moerschell, Karen Wilson

Adjunct Instructors: Karen Gibson, Karyn Jones, Rebecca Jewell, Deborah Lewis, Terry Tiernan, Summer Dorr, Carrie Bates, Gina Blank

The department offers B.A. majors in Communication (Speech), English: Creative Writing, English: Literature, English: Literature/Writing, and English: Writing as well as a B.F.A. in Creative Writing. Qualifying students may receive Departmental Honors by completing Honors requirements, including writing a thesis.

Special opportunities are available to complete part of the requirements for the major or a minor through programs of study abroad and summer studies. The Office of International Education provides information about overseas study and assists students with planning their programs abroad.

Notes for Majors and Minors
Ordinarily, no more than two courses may be used to satisfy the requirements for both the English and the Communication majors. No more than 6 credits in the minor can be used to satisfy other college major or minor requirements. No more than one online course and no more than one reduced-time course (e.g., a Winterim course or a summer session course lasting fewer than six weeks) may be used to satisfy the requirements for the major. A minimum grade of 2.0 is required for all courses counted toward the major, minor, or specialization.

Communication (Speech) Major (B.A.)
37-40 credits required.

The Communication Major provides a liberal arts orientation to the study of human communication. Graduates of the communication program often pursue careers in education, management, public relations, business, or government, or continue on for graduate study in communication or law.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Department Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-11</td>
<td>COMM 105 Survey of Human Communication (3-4 credits)</td>
</tr>
<tr>
<td></td>
<td>1 credit recitation optional</td>
</tr>
<tr>
<td></td>
<td>COMP 201 Writing Arguments (4 credits)</td>
</tr>
<tr>
<td></td>
<td>LITR 100 Introduction to Literature</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credits</th>
<th>Communication Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>COMM 106 Basic Principles of Speech</td>
</tr>
<tr>
<td></td>
<td>COMM 465 Communication Theory</td>
</tr>
</tbody>
</table>

Distribution Requirements
Five courses chosen from the following areas:

Note: One Distribution or Elective course must come from the Diverse Voices (dv) category.

dv Each of these fulfills the Diverse Voices requirement.

Rhetoric and Public Address: select two

| COMM 324 Persuasive Speaking |
| COMM 370 Contemporary Political Communication |
| COMM 372 Rhetoric of the Black Church |
| COMM 415 Rhetoric of Social Movements dv |
| COMM 416 Voices of American Women dv |
| COMM 417 Women/Men and Elections dv |
| COMM 470 African American Rhetoric dv |

Business and Professional Communication: select one

| COMM 311 Small Group Communication |
| COMM 325 Professional Speaking |
| COMM 340 Public Relations |
| COMM 430 Employment Seeking and Communication |
| COMM 455 Organizational Communication |
| COMM 475 Research Methods in Communication |

Mass Communication: select one

| COMM 108 Introduction to Mass Communication |
| COMM 201 Mass Media and Society dv |
| COMM 212 Principles of Journalism |
| COMM 301 Media Law and Media Ethics |
| COMM 308 Writing for Mass Communication |
| COMM 320 Film Studies: Form and Culture |
| COMM 321 Form and Expressive Techniques in Film |
| COMM 322 Studies in Documentary Film |
| COMM 408 Visual Communication |

Relationships: select one

| COMM 245 Interpersonal Communication dv |
| COMM 333 Interracial Communication dv |
| COMM 350 Family Communication |
| COMM 390 Topics in Communication: Gay and Lesbian Issues dv |
| COMM 445 Intercultural Communication dv |
| COMM 460 Language and Social Interaction |

Communication Electives: select two

Notes
1. Internships do not fulfill the distribution requirements but are highly recommended electives and will count for the communication electives requirement.
2. New courses and special topics courses will be categorized when introduced.

English: Creative Writing Major (B.A.)
32 credit hours.

The Creative Writing Major hones students’ abilities to write and think imaginatively and critically. Students select workshops in creative nonfiction, drama, fiction, poetry, and screenwriting. Students learn strategies for crafting original expression while courses in literary study further allow them to contextualize their art. Students are expected to attend and give public readings of creative works, assist with literary publications, read extensively in her/his chosen genre(s), and complete a senior portfolio of polished pieces.
All courses are 3 credits unless noted. Credits are divided as follows:

### School of Arts and Sciences

**Credits**

### Gateway Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP 201</td>
<td>Writing Arguments (4 credits)</td>
<td>4</td>
</tr>
<tr>
<td>COMP 202</td>
<td>Introduction to Creative Writing (4 credits)</td>
<td>4</td>
</tr>
</tbody>
</table>

**Creative Writing Courses:** select three

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP 302</td>
<td>Fiction Workshop I (4 credits)</td>
<td>4</td>
</tr>
<tr>
<td>COMP 303</td>
<td>Poetry Workshop I (4 credits)</td>
<td>4</td>
</tr>
<tr>
<td>COMP 306</td>
<td>Playwriting: Short Plays (4 credits)</td>
<td>4</td>
</tr>
<tr>
<td>COMP 307</td>
<td>Creative Nonfiction Workshop I (4 credits)</td>
<td>4</td>
</tr>
<tr>
<td>COMP 308</td>
<td>Writing Fiction for Children (4 credits)</td>
<td>4</td>
</tr>
<tr>
<td>COMP 309</td>
<td>Screenwriting Workshop I (4 credits)</td>
<td>4</td>
</tr>
<tr>
<td>COMP 395</td>
<td>Special Topics (Creative Writing) (4 credits)</td>
<td>4</td>
</tr>
</tbody>
</table>

**Literature Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LITR 200</td>
<td>Literary Traditions OR</td>
<td>3</td>
</tr>
<tr>
<td>LITR 201</td>
<td>Patterns of Literature</td>
<td>3</td>
</tr>
<tr>
<td>LITR Elective at the 300- or 400 level</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Theory Course**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LITR 300</td>
<td>Literary Analysis &amp; Research</td>
<td>3</td>
</tr>
</tbody>
</table>

**Senior Writing Course**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP 490</td>
<td>Writing Supervision</td>
<td>3</td>
</tr>
</tbody>
</table>

In addition to formal instruction, each student in the Creative Writing Major will be expected to attend public readings of creative works, give public readings of creative works, assist with literary publications, and read extensively in her/his chosen genre(s).

*Note: May substitute one applied writing course from the Writing Major for one upper-division creative writing course with adviser approval.

### English: Literature Major (B.A.)

#### 34 credit hours.

The Literature Major provides students with a liberal arts background through coursework emphasizing literature, literary analysis, and critical writing. Some graduates have continued on with careers in publishing, business, or government. Others continue with graduate or professional school in Education, Law, Library and Information Science, or Literature.

**Credits**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LITR 100</td>
<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>COMP 201</td>
<td>Writing Arguments (4 credits)</td>
<td>4</td>
</tr>
<tr>
<td>COMM 105</td>
<td>Survey of Human Communication (3-4 credits)</td>
<td>3</td>
</tr>
<tr>
<td>LITR Elective at the 300- or 400 level</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Literature Core**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>LITR 200</td>
<td>Literary Traditions</td>
<td>3</td>
</tr>
<tr>
<td>LITR 201</td>
<td>Patterns of Literature</td>
<td>3</td>
</tr>
<tr>
<td>LITR 300</td>
<td>Literary Analysis &amp; Research</td>
<td>3</td>
</tr>
</tbody>
</table>

**Geographic Distribution:** select two

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LITR 301</td>
<td>American Writers*</td>
<td>3</td>
</tr>
<tr>
<td>LITR 302</td>
<td>British Writers*</td>
<td>3</td>
</tr>
<tr>
<td>LITR 303</td>
<td>World Writers*</td>
<td>3</td>
</tr>
</tbody>
</table>

*May substitute other 300-level Literature courses from appropriate geographic distribution as designated by department.

**Upper-division LITR courses:** select five

- At least three of these must be at the 400- or 500-level.
- At least two of these must have a primary focus on works published before 1900.

**English: Literature/Writing Major (B.A.)

41-42 credit hours.

The Literature/Writing Major is required of all students seeking secondary education certification (in conjunction with a teacher certification program in the School of Education and Professional Studies). Courses focus on literature, rhetoric, creativity, and professional practice while introducing students to common forms in a variety of contexts.

**Credits**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LITR 100</td>
<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>COMP 201</td>
<td>Writing Arguments (4 credits)</td>
<td>4</td>
</tr>
<tr>
<td>COMM 105</td>
<td>Survey of Human Communication (3-4 credits)</td>
<td>3</td>
</tr>
<tr>
<td>LITR Elective at the 300- or 400 level</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Department Core**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LITR 200</td>
<td>Literary Traditions</td>
<td>3</td>
</tr>
<tr>
<td>LITR 201</td>
<td>Patterns of Literature</td>
<td>3</td>
</tr>
<tr>
<td>LITR 300</td>
<td>Literary Analysis &amp; Research</td>
<td>3</td>
</tr>
</tbody>
</table>

**Literature Core**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LITR 200</td>
<td>Literary Traditions</td>
<td>3</td>
</tr>
<tr>
<td>LITR 201</td>
<td>Patterns of Literature</td>
<td>3</td>
</tr>
<tr>
<td>LITR 300</td>
<td>Literary Analysis &amp; Research</td>
<td>3</td>
</tr>
</tbody>
</table>

**Advanced Courses**

**Literature Perspective:**

- American literature: one upper division course*
- British literature: one upper division course*
- World literature: one upper division course*

*Note: At least two of these three courses must be at the 400-500 level. Students may select from a limited number of courses designated by the literature faculty.

*Note: At least two of these three courses must be at the 400-500 level.

**Linguistics Perspective**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNGS 301</td>
<td>Language and Structure</td>
<td>3</td>
</tr>
</tbody>
</table>

**Composition Perspective**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP 202</td>
<td>Introduction to Creative Writing (4 credits)</td>
<td>4</td>
</tr>
<tr>
<td>COMP 402</td>
<td>Theory of Composition</td>
<td>3</td>
</tr>
</tbody>
</table>

**Communication Perspective**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 201</td>
<td>Mass Media and Society or</td>
<td>3</td>
</tr>
<tr>
<td>[both COMM 201 and 408 will satisfy]</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>COMM 408</td>
<td>Visual Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

**English: Writing Major (B.A.)

30-32 credit hours.

The Writing Major deepens capacity for thought and prepares students to reach audiences through artful and purposeful use of the written word. Courses focus on rhetoric, creativity, and professional practice while introducing students to common forms in a variety of contexts.

This liberal arts program encourages students to read widely, to complete internships, and to consider a double major/minor.
**English and Communication**

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Gateway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>COMP 201 Writing Arguments (4 credits)</td>
</tr>
<tr>
<td></td>
<td>COMP 301 Advanced Research Writing (4 credits)</td>
</tr>
</tbody>
</table>

**Applied Writing:** select three 9-12

Note: One of the three required applied writing courses can be replaced with a language, literature, or theory course.

- COMP 304 Technical Writing (4 credits)
- COMP 305 Editing and Revising (4 credits)
- COMP 307 Creative Nonfiction Workshop I (4 credits)
- COMP 311 Writing in a Digital Age (4 credits)
- COMP 312 Writing in New Media (4 credits)
- COMP 316 Magazine Article Writing (4 credits)
- COMP 318 Writing for the Arts (4 credits)
- COMP 321 Writing about the Environment (4 credits)
- COMP 322 Grant Writing (4 credits)
- COMP 395, 495 Special Topics (Applied Writing) (4 credits)

**COMM 308 Writing for Mass Communication**

**COMM 321 Form & Expressive Technique in Film** (with Documentary Film focus)

**COMM 412 or INTD 491 Internship** (Applied Writing)

*(Note: Only one internship can count towards Applied Writing credit.)*

May substitute an upper-division creative writing course or a second theory elective with adviser permission for one applied writing course.

**Language Course:** select one 3

- LNGS 301 Language and Structure
- LNGS 302 Language and Meaning
- LNGS 309 History of English Language
- LNGS 310 American English Grammar
- LNGS 320 Theories of Language

**Elective:** select one 3

- Literature course at the 300- or 400-level
- Communication course at the 200-, 300- or 400-level

**Theory Course:** select one 3

- COMP 402 Theory of Composition
- COMP 405 Writing Center Theory
- COMP 430 Theory of Rhetoric
- COMP 505 Rhetorical Criticism
- COMP 507 Theory of Composition
- COMP 530 Theory of Rhetoric

**Senior Writing Course (Required):** 3

- COMP 401 Directed Professional Writing

In addition to formal instruction, each student in the Writing Major will be expected to compile a portfolio of representative course papers prior to graduation, assist with professional/academic publications, read extensively in literature and in a variety of discourse communities.

**Creative Writing Major (B.F.A.)**

59-60 credit hours.

The B.F.A. in Creative Writing is a pre-professional degree that offers students intensive training in the writing of fiction, poetry, drama, creative nonfiction, and screenplays. In addition to courses in creative writing, students are required to write a senior thesis, to take courses in literature, to complete a writing-related internship, and to present their work in a solo reading during their final year.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>COMP 201 Writing Arguments (4 credits)</td>
</tr>
<tr>
<td></td>
<td>COMP 202 Introduction to Creative Writing (4 credits)</td>
</tr>
<tr>
<td></td>
<td>LITR 200 Literary Traditions OR</td>
</tr>
<tr>
<td></td>
<td>LITR 201 Patterns of Literature</td>
</tr>
<tr>
<td></td>
<td>LITR 300 Literary Analysis and Research</td>
</tr>
<tr>
<td></td>
<td>INTD 491 Internship (Writing)</td>
</tr>
</tbody>
</table>

**Intermediate Courses:** select four 16

- COMP 302 Fiction Workshop I (4 credits)
- COMP 303 Poetry Workshop I (4 credits)
- COMP 306 Playwriting: Short Plays (4 credits)
- COMP 307 Creative Nonfiction Workshop I (4 credits)
- COMP 308 Writing Fiction for Children (4 credits)
- COMP 309 Screenwriting Workshop I (4 credits)
- COMP 310 Playwriting: Full-length Plays (4 credits)
- COMP 395 Special Topics (Creative Writing) (4 credits)

**Advanced Courses:** select two 8

- COMP 412 Fiction Workshop II (4 credits)
- COMP 413 Poetry Workshop II (4 credits)
- COMP 416 Playwriting Workshop II (4 credits)
- COMP 417 Creative Nonfiction Workshop II (4 credits)
- COMP 419 Screenwriting Workshop II (4 credits)

**Capstone Project**

| 3 | COMP 490 Writing Supervision |

**Applied Writing Course:** select one 3-4

- COMP 301 Advanced Research Writing (4 credits)
- COMP 304 Technical Writing (4 credits)
- COMP 305 Editing and Revising (4 credits)
- COMP 311 Writing in a Digital Age (4 credits)
- COMP 312 Writing in New Media (4 credits)
- COMP 316 Magazine Article Writing (4 credits)
- COMP 318 Writing for the Arts (4 credits)
- COMP 321 Writing about the Environment (4 credits)
- COMP 322 Grant Writing (4 credits)
- COMP 395 Special Topics (Applied Writing) (4 credits)
- COMP 401 Directed Professional Writing
- COMP 308 Writing for Mass Communication

**Literature Electives** 12

Four LITR courses at the 300/400/500-level*

*May substitute one 300/400/500-level LNGS course for one literature course

Note: Students are required to give a solo reading during their final year. In addition to formal instruction, all students are expected to attend public readings of creative works, assist with literary publications, and read extensively in her/his chosen genres.
Communication Minor
18-19 credit hours.
All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Communication Core</th>
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<tbody>
<tr>
<td></td>
<td>COMM 105 Survey of Human Communication (3-4 credits)</td>
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<tr>
<td></td>
<td>COMM 106 Basic Principles of Speech</td>
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</tbody>
</table>

Distribution Requirements
12
Four courses chosen from the following areas. See Communication Major for course options.
Rhetoric and Public Address: select one
Business and Professional Communication: select one
Mass Communication: select one
Relationships: select one
One distribution course must come from the Diverse Voices category (dv)

Film Studies Minor
18-23 credit hours.
All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Required Course</th>
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<tbody>
<tr>
<td></td>
<td>COMM/LITR 120 Film Foundations</td>
</tr>
</tbody>
</table>

Electives: select five
COMM 320 Film Studies: Form and Culture
COMM 321 Form and Expressive Techniques in Film
COMM 322 Studies in Documentary Film (3 credits)
COMP 309 Screenwriting Workshop I (4 credits)
COMP 330 The Rhetoric of Film
LITR 130 Film and Fiction (4 credits)
LITR 330 Topics in Film (4 credits)
LITR 430 Advanced Topics in Film (4 credits)
LITR 530 Advanced Topics: Film
Note: Relevant courses with a film focus offered in this or other departments may also be used as electives with permission of adviser.

Journalism Minor
19-21 credit hours.
Introduction to Mass Communication (COMM 108) must be passed before declaring a Journalism Minor.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Required Courses</th>
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<tbody>
<tr>
<td></td>
<td>COMM 201 Mass Media and Society</td>
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<td>COMM 212 Principles of Journalism</td>
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<td>COMM 308 Writing for Mass Communication</td>
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<td>COMP 301 Advanced Research Writing (4 credits)</td>
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</table>

Electives: two of the following
COMM 301 Media Law and Media Ethics
COMM 322 Studies in Documentary Film
COMM 408 Visual Communication
COMM 412 Journalism Internship
COMP 305 Editing and Revising (4 credits)
COMP 311 Writing in a Digital Age (4 credits)
COMP 312 Writing in New Media (4 credits)
COMP 316 Magazine Article Writing (4 credits)

Language and Linguistics Minor
19-21 credit hours.
All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Required Courses</th>
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<tbody>
<tr>
<td></td>
<td>PHIL 355 Philosophy of Language</td>
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<td></td>
<td>ANTH 203 Language and Culture (4 credits)</td>
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<td>LNGS 301 Language and Structure</td>
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</tbody>
</table>

Electives: select three
ANTH 160/LNGS 110 Exploring Language (4 credits)
ANTH 161/LNGS 111 Origins of Language (4 credits)
ANTH 303 Issues in Linguistic Anthropology
ANTH 342/LNGS 342 Language and Gender
ANTH 395 Special Topics
COMM 460 Language and Social Interaction
COMP 430 Theory of Rhetoric
FREN 301 Oral and Written French II
FREN 483 Structure of the French Language
LNGS 302 Language and Meaning
LNGS 309 History of the English Language
LNGS 310 American English Grammar
LNGS 320 Theories of Language
LNGS 408 Topics in Language as a Formal System
LNGS 409 Topics in Applied Linguistics
LNGS 411 Topics in Language and Cognition
LNGS 412 Topics in Language and Social Interaction
PHIL 217 Language and Symbolic Logic
PHIL 373 Metaphor
SPAN 301 Current Idiomatic Spanish

Notes
1. At least 9 credits taken to satisfy this minor must be upper division.
2. Tutorial and Special Topics courses may be used to satisfy the requirements with approval of the adviser.
3. The prerequisites for PHIL 355 are waived for students who have declared the minor.

Literature Minor
18-19 credit hours.
All courses are 3 credits unless noted. Credits are divided as follows:

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<thead>
<tr>
<th>Credits</th>
<th>Required Courses</th>
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<tbody>
<tr>
<td></td>
<td>LITR 100 Introduction to Literature</td>
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<td></td>
<td>LITR 200 Literary Traditions</td>
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<td>LITR 201 Patterns of Literature</td>
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<td></td>
<td>LITR 300 Literary Analysis &amp; Research</td>
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</table>

Electives
Two LITR courses numbered 301 or higher

Notes
1. The prerequisites for the minor are waived for students who have declared the minor.
2. All courses must be passed with a grade of C- or better.
3. At least 9 credits taken to satisfy this minor must be upper division.
4. The requirements for the minor are subject to change without notice.
Writing Minor
18-19 credit hours.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
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<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COMP 201 Writing Arguments (4 credits)</td>
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<tr>
<td>COMP 202 Introduction to Creative Writing (4 credits)</td>
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<tr>
<td><strong>Specialized Writing Courses:</strong> select three</td>
<td>11-12</td>
</tr>
<tr>
<td>COMP 301 Advanced Research Writing (4 credits)</td>
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<tr>
<td>COMP 302 Fiction Workshop I (4 credits)</td>
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<tr>
<td>COMP 303 Poetry Workshop I (4 credits)</td>
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<tr>
<td>COMP 304 Technical Writing (4 credits)</td>
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<tr>
<td>COMP 305 Editing and Revising (4 credits)</td>
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<tr>
<td>COMP 306 Playwriting: Short Plays (4 credits)</td>
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<tr>
<td>COMP 307 Creative Nonfiction Workshop I (4 credits)</td>
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<tr>
<td>COMP 308 Writing Fiction for Children (4 credits)</td>
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<tr>
<td>COMP 309 Screenwriting Workshop I (4 credits)</td>
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<tr>
<td>COMP 310 Playwriting: Full-Length Plays (4 credits)</td>
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<td>COMP 311 Writing in a Digital Age (4 credits)</td>
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<td>COMP 312 Writing in New Media (4 credits)</td>
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<td>COMP 316 Magazine Article Writing (4 credits)</td>
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<tr>
<td>COMP 318 Writing for the Arts (4 credits)</td>
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<td>COMP 319 Playwriting Workshop II (4 credits)</td>
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<td>COMP 320 Screenwriting Workshop II (4 credits)</td>
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<td>COMP 321 Writing for the Arts (4 credits)</td>
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<td>COMP 322 Writing for Children (4 credits)</td>
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<tr>
<td>COMP 323 Creative Nonfiction Workshop II (4 credits)</td>
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<td>COMP 324 Fiction Workshop II (4 credits)</td>
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<td>COMP 325 Screenwriting Workshop II (4 credits)</td>
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<td>COMP 326 Writing for the Arts (4 credits)</td>
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<td>COMP 327 Playwriting Workshop III (4 credits)</td>
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<td>COMP 328 Writing Fiction for Children (4 credits)</td>
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<tr>
<td>COMP 329 Screenwriting Workshop III (4 credits)</td>
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<tr>
<td>COMP 330 Writing for the Arts (4 credits)</td>
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<td>COMP 331 Creative Nonfiction Workshop III (4 credits)</td>
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<td>COMP 332 Fiction Workshop III (4 credits)</td>
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<tr>
<td>COMP 333 Screenwriting Workshop III (4 credits)</td>
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<td>COMP 334 Writing for the Arts (4 credits)</td>
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<td>COMP 335 Playwriting Workshop IV (4 credits)</td>
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<td>COMP 336 Writing Fiction for Children (4 credits)</td>
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<tr>
<td>COMP 337 Screenwriting Workshop IV (4 credits)</td>
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<td>COMP 338 Writing for the Arts (4 credits)</td>
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<td>COMP 339 Playwriting Workshop V (4 credits)</td>
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<td>COMP 340 Writing Fiction for Children (4 credits)</td>
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<tr>
<td>COMP 341 Screenwriting Workshop V (4 credits)</td>
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<tr>
<td>COMP 342 Writing for the Arts (4 credits)</td>
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<tr>
<td>COMP 343 Playwriting Workshop VI (4 credits)</td>
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<tr>
<td>COMP 344 Writing Fiction for Children (4 credits)</td>
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<tr>
<td>COMP 345 Screenwriting Workshop VI (4 credits)</td>
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<tr>
<td>COMP 346 Writing for the Arts (4 credits)</td>
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<tr>
<td>COMP 347 Playwriting Workshop VII (4 credits)</td>
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<tr>
<td>COMP 348 Writing Fiction for Children (4 credits)</td>
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<tr>
<td>COMP 349 Screenwriting Workshop VII (4 credits)</td>
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<tr>
<td>COMP 350 Writing for the Arts (4 credits)</td>
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</table>

Language/Theory Course: select one 3

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<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>LITR 200 Literary Traditions</td>
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<td>LITR 201 Patterns of Literature</td>
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<tr>
<td>LITR 300 Literary Analysis and Research</td>
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<td>LITR 380 Literary Criticism</td>
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<td>LNGS 301 Language and Structure</td>
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<td>LNGS 302 Language and Meaning</td>
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<tr>
<td>LNGS 309 History of English Language</td>
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<tr>
<td>LNGS 310 American English Grammar</td>
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<td>COMP 402 Theory of Composition</td>
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<td>COMP 405 Writing Center Theory</td>
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<tr>
<td>COMP 430 Theory of Rhetoric</td>
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<tr>
<td>COMP 505 Rhetorical Criticism</td>
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<tr>
<td>COMP 507 Theory of Composition</td>
</tr>
<tr>
<td>COMP 530 Theory of Rhetoric</td>
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</tbody>
</table>

Notes: Courses must be completed with a 2.0 or higher to satisfy minor requirements. No more than 6 credits in the minor may be used to satisfy other college major or minor requirements.

English and Communication

English and Communication Course Descriptions

@ = Indicates a non-liberal arts course. Please refer to page 38 for a description of non-liberal arts credits.

195, 295, 395, 495, 595 – Special Topics (1-12)
198, 298, 398, 498, 598 – Tutorial (1-3) Independent study in speech communication, composition, literature or linguistics with faculty supervision. Plans for specific program must be approved by department chair and Dean of Arts and Sciences.

Communication

Note: Upper-division COMM courses have an introductory COMM course or permission of the instructor as prerequisite.

COMM 105 – Survey of Human Communication (3) Various communication theories and applications. Topics: human and interpersonal communication, small group decision-making, public communication and the role of communication in professional settings. Gen Ed: SA credit; four credit option (with recitation) for FS credit. Fall and Spring.

COMM 106 – Basic Principles of Speech (3) An introductory course in public speaking. It is a skills course informed by speech communication theory. Skills include analyzing the speaking situation, choosing appropriate topics, conducting research, organizing ideas, utilizing evidence and delivering speeches effectively. Special emphasis is given to developing critical thinking and listening abilities. Gen Ed: FS credit. Fall and Spring.


COMM 120 – Film Foundations (3) An introductory course that looks at aspects of film history, criticism and production. It provides an overview of the moving picture as both popular culture and serious art form, and looks at its various elements. Students will have a chance to view and critique films and to participate in a creative project related to filmmaking. Gen Ed: AC credit. Cross listed as LITR 120. Yearly.

COMM 201 – Mass Media and Society (3) Explores the reciprocal influence between mass media and society. Focuses on understanding and applying media analysis techniques; arguing positions on controversial issues related to mass media. Gen Ed: SA & SI credit. Fall and Spring.

COMM 206 – Business and Professional Communication (3) Introduces students to several business and professional speaking opportunities that they are likely to encounter in business and community. Through a combination of lecture, skills development exercises, assignments, and presentations students will not only develop a variety of communication techniques required in professional situations but also learn that communication ability and leadership are closely related. Gen Ed: SI credit. As warranted.


COMM 245 – Interpersonal Communication (3) Theoretical understanding and practical skills for examining and altering interpersonal communication. Gen Ed: SA & WI credit. Yearly.

COMM 301 – Media Law and Media Ethics (3) This course examines the legal and ethical dimensions of modern mass media. Students are introduced to various ethical theories and models, which provide a basis for the critical and systematic analysis of case studies and arguments. Students study current, relevant mass media law, emphasizing precedent-setting court cases in the United States. Topics addressed include: libel, slander, defamation, sedition, pornography, indecency, obscenity, murder, pornography, obscenity, privacy, intellectual property, copyright, propaganda, and commercial speech. Gen Ed: PI credit. As warranted.

COMM 308 – Writing for Mass Communication (3) Focuses on ethical practices in research, writing and editing for various media and purposes. Basic news writing is emphasized. Intended to help students develop portfolios of published (or publishable) work. Gen Ed: PI & WI credit. Yearly.
COMM 311 – Small Group Communication (3) Development of individual skills in decision-making groups. Focus on conclusions emerging from small group research concerning leadership, cohesion, roles and norms. Topics: analysis of controversy and group presentation skills. Oral class presentations required. Gen Ed: SA, SI, & WI credit. Fall and Spring.

COMM 320 – Film Studies: Form and Culture (3) Involves viewing a variety of classic and contemporary films while reading theoretical, critical and technical approaches to aesthetic, communicative, psychological, and sociological aspects of film in our history and contemporary experience. Some experience in aspects of pre-production is also provided. Gen Ed: AC credit. Yearly.

COMM 321 – Form and Expressive Techniques in Film (3) Involves viewing a variety of classic and contemporary films analytically and critically, based on students’ developing understanding of expressive techniques in film production. Readings are drawn from many branches of film studies and approach film as art, text, and mode of communication. In addition to tests, course requirements will include: viewing all films and film excerpts shown in class, viewing one or more films in theaters, writing analytical responses and critical essays, and participating in class exercises. Some pre-production exercises (storyboarding, scriptwriting) will be required. Prerequisite: COMM 120 or LITR 120. As warranted.

COMM 322 – Studies in Documentary Film (3) This course examines a variety of documentary films and develops students’ understanding of the special ethical and moral, social and political, as well as artistic requirements of documentary films. Students will create short documentary film on a subject of their choice. Prerequisite: COMM 120 or LITR 120. Gen Ed: AC credit. As warranted.


COMM 325 – Professional Speaking (3) This course is professional preparation. The central focus is on the role of public speaking in business and industry. Gen Ed: SI credit. As warranted.

COMM 330 – Communication Methods and Applications (3) This course is grounded in mediated communication research and its applications to business and professional communication situations. A variety of analytical methods will be used to illuminate communication events. Prerequisite: COMM 106 or COMM 108. As warranted.

COMM 333 – Intercultural Communication (3) This course is designed to address the complications of communicating between and among persons from different racial backgrounds. This course is discussion oriented, allowing students to engage the textbook as well as negotiate, in class, those difficult and sensitive discussions of race. The final project will be the creation and implementation of a campus forum on the benefits and dangers of interracial communication. Prerequisites: COMM 105, or COMM 106 or COMP 101. As warranted.

COMM 340 – Public Relations (3) Designed to acquaint students with the theory, history, and practice of public relations and to provide practical research, planning and analysis exercises. After studying the public relations process, major publics, and institutional public relations, ethical and legal restrictions are considered. Yearly.

COMM 350 – Family Communication (3) An investigation into family communication. The family is a unique context for communication, in part because family membership is involuntary for most of us, in part because families are fascinating miniatures with unique histories, communication codes, and social realities whose grip on members is strong and enduring. Gen Ed: SA & WI credit. Yearly.

COMM 360 – Folklore and Communications (3) Explores folklore as a fundamental part of the human experience by interpreting texts and performances in their sociological contexts. Engages in ethnography and field collections to document contemporary cultural communications. Offered yearly in summer; Distance Learning.

COMM 370 – Contemporary Political Communication (3) An examination of domestic (U.S.) politics in order to understand better how ‘political reality’ is constructed through communication. To that end, the course will examine communication during particular political events, acts of governance, and particular campaigns. Gen Ed: SI credit. Yearly.

COMM 372 – Rhetoric of the Black Church (3) This course explores from a rhetorical standpoint the roles and impact of Black churches in and on U.S. societies. Particular attention will be paid to the multiple and unique methods of preaching, praying, speaking and singing found in U.S. Black churches. Finally, we focus a great deal of our efforts on understanding church-led social movements in the United States. As warranted.

COMM 375 – Environmental Communication (3) In relation to an era of mounting environmental crisis, this course examines how we use language to construct, describe, and test environmental issues, and to consider how rhetoric can help to resolve environmental disputes. To understand how environmental communication that addresses a broad public audience must draw upon the rhetorical resources of more than one kind of discourse, the genres considered will range from scientific studies and public policy documents to journalism, nonfiction essays, and word-and-image rhetoric in film, graphic arts, and commercial advertisement. As warranted.

COMM 390 – Topics in Communication (1-4) Various topics and inquiries not covered by regular course offerings. Topic and prerequisites determined by instructor. Students may elect to take this course again for credit each time a different topic is offered. As warranted.

COMM 408 – Visual Communication (3) In this approach to visual communication, relevant concepts (artistic, communicative, psychological and sociological) are applied to understand how our minds process images and how we create meaning through visual phenomena. Through various exercises and activities, we sharpen our awareness and develop our analytical abilities in our pursuit of visual literacy. Gen Ed: AC credit. As warranted.

COMM 412 – Journalism Internship (2-9) Advanced reporting and feature-writing with local newspaper (upon availability). Permission from department chair required. Every semester.

COMM 415 – Rhetoric of Social Movements (3) Inquiry into and exploration of the formation, performance, and dynamics of social movements, with a focus on the available means of persuasion. As demand warrants.

COMM 416 – Voices of American Women (3) The course considers how history is revealed in women’s public discourse as well as how our history may have been shaped by that discourse. Major foci include: 1) Early America: Winning the Right to Speak, 2) 19th Century Reform Movements, 3) Woman Suffrage, 4) The Depression and World Wars, 5) The Contemporary Women’s Movement. Gen Ed: SI credit. Every other year.

COMM 417 – Women/Men and Elections (3) This class acquaints students with important issues dealing with women, politics, and public communication. The goal of this course is to engage students in a discussion of the variety of ways gender issues intersect with American politics in terms of leaders, voters, and the symbolic roles of women. Gen Ed: AH credit. As warranted.

COMM 430 – Employment Seeking and Communication (3) This seminar examines the communication (both theory and skills) utilized in employment seeking. The premise of the course is that success or failure in this important endeavor depends on communication strategies. We begin with finding and researching current jobs. We then move to theories of interpersonal communication and persuasion as they apply to cover letters, thank you letters, resumes and interviews. Offered as SI during Winterim and Summer only. Yearly.

COMM 445 – Intercultural Communication (3) An introduction to the study of culture, human communication and the special challenges of intercultural communication. Students also have the opportunity to apply intercultural communication models and theories in a variety of ways. Gen Ed: XC & SI credit. Yearly.

COMM 445S – Organizational Communication (3) Introduces students to an advanced level of communication theory, as well as organizational theory and its implications for communication as it occurs in organizations. As warranted.

COMM 460 – Language and Social Interaction (3) The study of research and theory in language as it is used by communicators in social contexts. The course will focus on that most ubiquitous form of communication, ordinary conversation, examining it from a variety of theoretical perspectives. As warranted. Cross listed as LNGS 412.

COMM 465 – Communication Theory (3) A high-level and demanding examination of theoretical perspectives in the discipline of communication. Yearly.

COMM 470 – African American Rhetoric (3) This course has a dual focus. First, it is an examination of the rhetorical strategies employed by African Americans from the early 19th century to the present. This examination covers the chronological
span from Nat Turner (1800 - 1831) to Louis Farrakhan. Second, an analysis of the rhetorical strategies employed, using methods of rhetorical criticism ranging from neo-Aristotelian criticism to Burkean analysis. Gen Ed: WI credit. As warranted.

**COMM 475 – Research Methods in Communication (3)** An investigation into research methods used by social scientists in the study of communication. Further investigation into research methods used by practitioners in the communication industry. The focus of the course is on quantitative methods. Gen Ed: WI credit. As warranted.

**COMM 490 – ePublic Relations Internship (3)** Integration of communications concepts and methodology through research, administrative, or production work with various local agencies and offices under the supervision of faculty. Prerequisites: permission and preparatory coursework appropriate to internship experience. Subject to availability of positions. Fall and Spring.

**Composition**

**COMP 101 – Writing and Critical Thinking (4)** Encourages development of writing, critical thinking and the use of information resources. Addresses how language permits communication, shapes thought, and changes through time. Gen Ed: FW credit. Fall and Spring.

**COMP 201 – Writing Arguments (4)** Practice in composing written arguments about complex issues. Attention to research methods. Students match creative thinking about ideas with enhanced clarity in communicating those ideas. Since readers often hold competing views on significant issues, special attention is given to developing rhetorical strategies for reaching those readers. Prerequisite: COMP 101, LITR 110 or equivalent. Gen Ed: AE & WI credit. Fall and Spring.

**COMP 202 – Introduction to Creative Writing (4)** Orient writers to the craft of writing in a variety of genres. Introduces terminology, explores techniques, and fosters a sense of individual voice. Prerequisite: COMP 101, LITR 110 or equivalent. Gen Ed: AE & WI credit. Fall and Spring.

**COMP 230 – Introduction to Rhetoric (3)** Introduction to Rhetoric provides a basic overview of the traditions, theories, and practices of rhetoric and rhetorical studies. Beginning in Ancient Greece, moving into the current day, we will read both primary texts and analytical or interpretive texts in order to inform our critical and systematic reflection of rhetorics and their histories. The essential purpose of this course is to demonstrate how rhetoric shapes the world(s) in which we live. Prerequisite: COMP 101 or LITR 110. Gen Ed: WC credit. As warranted.

**COMP 301 – Advanced Research Writing (4)** Instruction in advanced research, rhetorical strategies, and composition, culminating in a major essay crafted for particular audiences. Introduction to professional portfolio. Prerequisite: COMP 201. Gen Ed: WI credit. Fall.

**COMP 302 – Fiction Workshop I (4)** Training in the writing of fiction, with attention as well to the history and current state of the genre. Prerequisite: COMP 202. Gen Ed: AE & WI credit. Yearly.

**COMP 303 – Poetry Workshop I (4)** Training in the writing of poetry, with attention as well to the history and current state of the genre. Prerequisite: COMP 202. Gen Ed: AE & WI credit. Yearly.


**COMP 306 – Playwriting: Short Plays (4)** Training in the writing of drama, particularly the one-act play, with attention as well to the history and current state of the genre. Prerequisite: COMP 202. Gen Ed: AE & WI credit. Yearly.

**COMP 307 – Creative Nonfiction Workshop I (4)** Training in the writing of creative nonfiction, with attention as well to the history and current state of the genre. Prerequisite: COMP 201 or COMP 202. Gen Ed: AE & WI credit. Yearly.

**COMP 308 – Writing Fiction for Children (4)** Training in the writing of imaginative literature for children. While attention is paid to the visual and poetic aspects of Children’s Literature, the focus will be on storytelling. (No illustrative talent required.)
COMP 416 – Playwriting Workshop II (4) Advanced training in the writing of playwriting. Prerequisite: COMP 306 or COMP 310. Yearly.


COMP 419 – Screenwriting Workshop II (4) Advanced training in the writing of screenplays. Prerequisite: COMP 309. Yearly.


COMP 490 – Writing Supervision (3) Students in the Creative Writing concentration will, under the supervision of the course instructor, produce a manuscript in a genre of the student’s choosing suitable for publication. Ordinarily, this will be original work that was begun in one of the 300-level writing workshops. While publication per se is not a requirement, the student will be expected to research market needs and prepare the manuscript accordingly. In addition, the student will be expected to give a public performance of the edited work. B.A. or B.F.A. Creative Writing major and senior standing. Fall and Spring.

COMP 505 – Rhetorical Criticism (3) This class aims to develop your critical abilities and sensibilities as a scholar of rhetoric and rhetorical messages in our increasingly information-saturated society. Throughout the semester you will become acquainted with various approaches to rhetorical criticism, survey landmark pieces of criticism produced in the field, and develop your skills as a critic through the application of critical methods of analysis to selected rhetorical artifacts. Prerequisite: COMP 201 and junior, senior or graduate standing. As warranted.

COMP 507 – Theory of Composition (3) Examination of composition studies: its pivotal debates, research efforts, disciplinary movements, and pedagogical shifts. Prerequisite: COMP 201 and junior, senior, or graduate standing. Yearly.

COMP 515 – Writing Center Theory (3) One-to-one collaboration around writing is critical in public schools and on university campuses. In classrooms, for example, students are asked to work with peers on writing-related tasks or to make use of specialized centers devoted to fostering success with the written word. Moreover, in professional settings, writers often work with colleagues on written documents, sharing and revising texts of mutual interests. What theories inform the collaborative practices associated with such forms of writing? What new theories might need to develop in time of increasing global diversity and rapid technological change? This course highlights theories of writing and collaboration developed in the context of writing center studies and asks students to consider the ways in which insights gained from writing center scholars can impact professional work in multiple settings. Prerequisite: COMP 201, Junior or Senior standing. As warranted.


Literature
LITR 100 – Introduction to Literature (3) Introduction to elements of literature through the study of its various forms: poetry, drama, and fiction. Practice in writing about literature and in techniques of close reading and critical thinking. This course cannot be taken if credit has been received for LITR 110. Gen Ed: FC credit. Fall and Spring.

LITR 110 – Writing About Literature (4) Introduction to elements of literature through the study of its various forms. This course differs from LITR 100 in that there is extensive attention to writing, revising, and the use of information resources. This course cannot be taken if credit has been received for LITR 100. Gen Ed: FW credit. As warranted.

LITR 120 – Film Foundations (3) An introductory course that looks at aspects of film history, criticism, and production. It provides an overview of the moving picture as both popular culture and serious art form, and looks at its various elements. Students will have a chance to view and critique films and to participate in a creative project related to filmmaking. Gen Ed: AC credit. Cross listed as COMM 120. Yearly.

LITR 130 – Film and Fiction (4) Interrelationships between film and literature, particularly novels, which have been adapted for use on the screen. Gen Ed: F5 credit. As warranted.

LITR 200 – Literary Traditions (3) Provides an introductory survey of some of the major works, writers, and periods of Western literary history. The course covers classical works of Mediterranean origins through literature of the present day, and may include examples from British, American, and Western European cultures. Fall and Spring.

LITR 201 – Patterns of Literature (3) Provides experience in recognizing and responding critically to one or more common narrative (or other structural) strategies, including topics, plot structures, character types, and other recurrent patterns used in literature across historical, linguistic, and geographic boundaries. Examples include (but are not restricted to): quest/hero narratives, travel narratives, lyric poems, captivity/liberation narratives, coming-of-age stories, formal comedy, formal tragedy, star-crossed lovers, “Cinderella” stories, etc. Fall and Spring.

LITR 202 – British Writers (3) Studies in British literature. Authors, themes, periods and/or regions vary from semester to semester. Gen Ed: AC credit. Yearly.

LITR 301 – American Writers (3) Studies in American literature. Authors, themes, periods and/or regions vary from semester to semester. Gen Ed: AC credit. Yearly.

LITR 303 – World Writers (3) Studies in World literature. Authors, themes, periods, and/or cultures vary from semester to semester. No knowledge of a foreign language is necessary. The literature under investigation is written in or translated into English. Gen Ed: AC credit. Yearly.

LITR 304 – Literary Nonfiction (3) Studies various types of nonfiction, e.g., biography, informal essay, new journalism. Gen Ed: AC credit. As warranted.

LITR 306 – Drama (3) Studies in the drama as a literary genre. Readings from a wide variety of authors and critical perspectives. Gen Ed: AC credit. As warranted.

LITR 307 – Poetry (3) Studies in poetry as a literary genre as defined by its forms, techniques, and devices that distinguish poetry as a genre. Readings from a wide variety of authors and critical perspectives. Gen Ed: AC credit. As warranted.


LITR 309 – Topics in Literary Genres (3) Studies in literary genres other than literary nonfiction, the short story, drama, poetry or the novel. May include traditional genres such as the epic or new genres such as hypertext fiction or the graphic novel. Gen Ed: AC credit. As warranted.

LITR 321 – Topics in Literary Sub-Genres (3) Readings from any of a variety of literary sub-genres such as horror, the Gothic novel, or the historical novel. Topics vary. Gen Ed: AC credit. As warranted.


LITR 323 – Young Adult Literature (3) Selection and study of literature appropriate for secondary English classrooms. Intensive and extensive reading of contemporary young adult literature and classic literary texts. Some attention to critical approaches used in studying texts and secondary literature curriculum. Fall and Spring.

LITR 324 – Crime/Detective Fiction (3) Interrogates crime and detective fiction in terms of type, “hard-boiled detective” fiction, “white-glove drawing room” fiction, film noir; and in terms of time period, nineteenth-century antecedents, early-twentieth-century proliferations, later-twentieth-century reworkings. This course
may also examine specific authors in depth, including Agatha Christie, Raymond Chandler, Dorothy Sayers, Dashiel Hammett, Georges Simenon, James Ellroy, and others. Gen Ed: AC credit. As warranted.

LITR 325 – Utopian Literature (3) Examines the development of the utopia as a literary genre through a broad sampling of works that fit into the utopian tradition, including examples of positive utopias (or eutopias), negative utopias (or dystopias), and works that critically examine the viability of utopian philosophies (meta-utopias). Gen Ed: AC credit. As warranted.


LITR 328 – Science Fiction (3) Examines science fiction as literature, examined with techniques of literary analysis. Development of valid working definitions of science fiction. Gen Ed: AC credit. As warranted.

LITR 330 – Topics in Film (4) Various topics relating to film history, directors, actors, genres. Prerequisite: LITR 120. Gen Ed: AC credit. As warranted.


LITR 346 – Satire (3) A broad survey of satire as a literary technique, looking both at a wide range of examples of satirical texts as well as at critical works that discuss how satire functions. The goal of the course is to differentiate satire from other closely related literary concepts such as humor, irony, parody, invective, etc. As warranted.

LITR 347 – Metaphor (3) Surveys the rich landscape of metaphor and other types of figurative language, including simile, metonymy, synecdoche, allegory, personification, etc., as they are found in literature as well as in ordinary conversation. As warranted.

LITR 348 – Irony (3) Irony plays with contradictions between appearances and reality. We examine the many ways in which irony has been described as well as how literature has been shaped by these descriptions from the Greeks to contemporary writers. As warranted.

LITR 351 – Nature and Literature (3) Explores the varied ways nature is represented in art and literature and the ways those representations express the cultural values of the times in which they were created. Gen Ed: AC credit. Yearly.

LITR 352 – Nationality and Literature (3) Examines ways in which themes associated with national identity have been expressed in or otherwise have affected works of literature. This course may focus on a specific time period and/or group (e.g., nationalism in British Restoration drama) or may more generally survey the ways in which a nationalistic perspective can affect both the construction and reception of literary texts. Gen Ed: AC credit. As warranted.

LITR 353 – Social Movements and Literature (3) Surveys of literature’s rhetorical function, specifically as it examines literatures associated with social movements and activism. The course may focus on a specific time period and/or group and may overlap with other themed courses in which movements promoting racial or gender-equality are developed, or in which national or cultural identities are asserted. Gen Ed: AC credit. As warranted.

LITR 354 – Psychology and Literature (3) Examines the ways literature is influenced by psychoanalytic thought or emphasizes the psychological states of characters and/or authors. Gen Ed: AC credit. As warranted.


LITR 356 – Race and Literature (3) Examines the ways in which race and issues surrounding race (e.g., how the notion of race originated and developed; how race differs from ethnicity or cultural tradition, etc.) have been expressed in or otherwise have affected works of literature. The course may focus on a specific time period and/or group (e.g., race and the Harlem Renaissance) or may more generally survey the ways in which so-called racial marking can affect both the construction and reception of literary texts. Gen Ed: AC credit. As warranted.

LITR 358 – Class and Literature (3) Examines the ways in which social class issues have been expressed in or otherwise have affected works of literature. The course may focus on a specific time period and/or group (e.g., the American Proletarian Novel of the 1930s) or may more generally survey the ways in which particular issues related to economics and/or social status can affect both the construction and reception of literary texts. Gen Ed: AC credit. As warranted.

LITR 359 – Literary Themes (3) Development and variation of important themes in literature. Course content will vary from semester to semester. Gen Ed: AC credit. As warranted.

LITR 371 – Classical Literature (3) The literature of Greece and Rome with consideration of how that heritage has continued in English and American literature. Attention to critical approaches and practice in writing about literature. Gen Ed: AC & WI credit. Yearly.

LITR 372 – Biblical Heritage (3) The literature of the Bible and medieval Christendom with consideration of how that heritage has continued in English and American literature. Attention to critical approaches and practices in writing about literature. Gen Ed: AC & WI credit. Yearly.

LITR 373 – Mythical Heritage (3) The folkloric and mythic tradition in literature, such as the legends of King Arthur, from a variety of sources, including contemporary treatments of the tradition. Gen Ed: AC & WI credit. As warranted.

LITR 374 – Classical Literature (3) An introduction to the literature of classical Greece and Rome: a broad sample for the student otherwise unacquainted with ancient literature and culture. As warranted.

LITR 380 – Literary Criticism (3) History and methods of literary and aesthetic theory and practices from the ancient Greeks to the present. As warranted.

LITR 405 – Greek and Roman Literature (3) Explores literature written by the ancient Greeks and Romans. Topics and authors vary. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 407 – Medieval Literature (3) Examines the major works and authors of the period in Europe from AD 500 to the 15th century and will also focus on its culture of Christianity, Arthurian Legends, and the Crusades. Students will explore Old English poetry with works like Beowulf, Caedmon’s Hymn, and the Elegies, and will also read works by major authors such as Chaucer, Christine de Pizan, Julian of Norwich, and Margery Kempe. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 408 – Chaucer (3) Reading of Chaucer’s major works, consideration of the works in their cultural setting, examinations of various critical approaches to Chaucer, discussion of his place in English literary history. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 410 – Shakespeare I: Comedies (3) Examines the major plays, including attention to genre and to Shakespeare’s artistic development. Does not overlap with LITR 411. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 411 – Shakespeare II: History and Tragedies (3) Examines the major plays, including attention to genre and to Shakespeare’s artistic development. Does not overlap with LITR 410. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 412 – British Renaissance Literature (3) Examines major works of the 16th and 17th century, including the period during and after Elizabeth I, the fifth and last monarch of the Tudor Dynasty. Students will read works by major authors such as Shakespeare, Marlowe, Milton, Jonson, Aphra Behn, and Anne Bradstreet via exploring major historical movements of the period such as the Renaissance, Humanism and Idealism. Prerequisites: LITR 200 or 201 and LITR 300. As warranted.

LITR 413 – British Enlightenment Literature (3) Readings in the “long century” (1660-1780), including the so-called Age of Reason, and the origins of the British Novel. Authors or focus may vary from semester to semester. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 414 – British Romanticism (3) An era of dramatic contrasts as well as unsettling social and literary change, this period saw the French and American Revolutions, Napoleon’s war with Britain, and heated debate over women’s rights, sexual mores, and the rights of slaves. Readings in a wide range of Romantic-era texts: sentimental & satirical, narrative & lyric poetry; a Romantic novel & a play; nonfiction prose including literary manifestoes, political essays & social commentary, travel journals, diaries & memoirs, literary reviews, portraits & political cartoons. Writers studied may vary from semester to semester. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.
LITR 419 – Victorian Literature (3) Queen Victoria reigned from 1837-1901 and gave her name to an age. The nineteenth century saw massive changes in many areas—technology, population migrations, science, religion, nationalism, sexuality, and class—and the course will consider how literature reflected, and sometimes shaped, those changes. Authors or focus may vary from semester to semester. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 421 – British Modernism (3) Examines texts produced during the height of modernism (roughly 1910 to 1940), focusing on how social, cultural, and economic factors influenced modernist authors and their texts. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 422 – Contemporary British Literature (3) Examines literature written from 1950 to the present. The course may be focused on the works of particular writers or groups of writers, themes, genres/sub-genres, etc., or may present a general overview of the period. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 423 – Commonwealth and Post-Colonial Literature (3) Examines the disparate voices of contemporary British literature: white, brown, Christian, Muslim, Hindu, working class, queer, straight, and combinations thereof as they mitigate the legacies of imperialism and colonialism. Authors and focus may vary from semester to semester. Prerequisites: LITR 200 or 201 and LITR 300. As warranted.

LITR 429 – Topics in British Literature (3) This course is designed to engage in inquiry on a special topic, either generic, period-specific, or themed. Authors and focus will vary from semester to semester. Prerequisites: LITR 200 or 201 and LITR 300. As warranted.

LITR 430 – Advanced Topics in Film (4) Various topics relating to film theory, aesthetics, national cinemas. Prerequisite: LITR 330. As warranted.

LITR 434 – Colonial American Literature (3) Examines literary and non-literary texts produced by European explorers, early American settlers, and Native Americans during the periods of cultural contact and colonization. Focusing on contact narratives, promotional tracts, religious sermons and poetry, as well as the discourses that shaped and justified colonialism, the seminar also gives special attention to what constitutes American literature as the concepts of both “American” and “literature” evolved from the age of exploration through the eighteenth century. Prerequisites: LITR 200 or 201 and LITR 300. As warranted.

LITR 435 – American Romanticism (3) Focuses specifically on American literary romanticism throughout the 1800s. We consider the early manifestations of romanticism, the glory days of the American Renaissance, and the often cynical aftermath of romanticism as seen through realism and naturalism. Prerequisites: LITR 200 or 201 and LITR 300 or permission of instructor. As warranted.

LITR 436 – American Realism and Naturalism (3) Starts in the aftermath of the Civil War and considers the movement away from romanticism, the restraints upon character choice, the increased attention to middle class and lower class life, the development of psychological complexity in character, and the formalist techniques for representing mimesis, especially fragmentation and perspectivism. Prerequisites: LITR 200 or 201, and LITR 300. Yearly.

LITR 437 – American Modernism (3) Representative texts of early 20th-century American literature. The course may be focused on the works of particular writers or groups of writers, themes, genres/sub-genres, etc., or may present a general overview of the period. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 438 – Post-War American Literature (3) Examines literature written between 1945 and the early 1980s. The course may be focused on the works of particular writers or groups of writers, themes, and genres/sub-genres. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 439 – Contemporary American Literature (3) Examines American literature written in the past forty years. The course may be focused on the works of particular writers or groups of writers, themes, and genres/sub-genres. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 445 – American Women Writers (3) Examines selected American women writers. Works may be studied within historical contexts; course may also survey critical responses to literature written by women. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 446 – African American Writers (3) Examines the diversity of writing by African Americans. May include slave narratives, autobiography, poetry, plays, and novels. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 447 – Native American Literature (3) Examines and interprets the span of genres, from oral myths to contemporary novels and poetry, through which Native American literary artists have created and sustained tribal identities, responded to historical change, and explored issues of community and sovereignty. The course situates writers in their cultural contexts to emphasize the variety of peoples and voices that shape traditions of Native American literature. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 448 – North Country/Adirondack Literature (3) Examines literature written by residents of the North Country/Adirondacks who wrote the majority of a given work there or who set a major portion of a literary work in the area. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 449 – Topics in American Literature (3) Provides an in-depth analysis of a particular topic that transcends the periods into which American literary history is usually divided. The intention of the course is to isolate and survey the development of a particular theme, literary convention, social/political issue, etc., as expressed in American literary works over a substantial range of time. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 451 – World Literature: Peoples (3) Examines literature from a particular ethnic, national, religious, or otherwise shared cultural tradition, irrespective of geographic boundaries. This course may be organized around a specific time period, genre, or theme. Works originally written in languages other than English will be read in translation. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 452 – World Literature: Places (3) Examines literature from a particular geographic area—potentially as small as a city or as large as a continent—outside the US and Great Britain. The course may be organized around a specific time period, genre, or theme. Works originally written in languages other than English will be read in translation. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 453 – World Literature: Themes (3) Provides an in-depth survey of a particular theme in literary works from cultures other than those of the United States and Great Britain. The course may either focus on a specific culture, language, period, and/or region in examining its particular theme, or it may broadly survey instances of the theme across such boundaries. Works originally written in languages other than English will be read in translation. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 454 – Canadian Literature (3) Examines Canadian literature. Periods, genres, regions, and authors may vary from one semester to the next. Works written in French will be read in translation. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 455 – Irish Literature (3) Examines Irish literature and its sometimes contentious, always significant impact on European culture. The course may be either an historical overview, with texts from the Book of Kells to Joyce’s Ulysses, or a genre study with particular emphasis on Irish drama, poetry, or novels. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 471 – Renaissance (3) Examines the literature of this self-aware intellectual movement, frequently called humanism, that was committed to exploration of all aspects of the self and the world in a manner understood as a rebirth of the spirit of ancient Rome and Greece. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 472 – Enlightenment (3) Examines the literary and non-literary texts produced in Europe and America during the Enlightenment period (roughly 1650-1800). Interprets the intellectual developments and discursive innovations in writings by Descartes, Rousseau, Dryden, Pope, Voltaire, Locke, Jefferson, Wollstonecraft, Paine, and others. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 473 – Romanticism (3) Readings in European and American literatures that embrace a loosely-knit theory that literature and the arts should be expressions of individuals and that the source of these expressions is the individual’s imagination. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 474 – Realism (3) Readings in European and American literatures that examine a tension between two theories of realism which suggests that the business of realism is to create a photographic record of the world, and that which says the
goal of art is to reveal the underlying structure of reality. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 475 – Modernism (3) Examines texts produced during the height of modernism (roughly 1910 to 1940) and sees how social, cultural, and economic factors influenced these modernist artists and their art, particularly in terms of what Andreas Huyssen describes the work of modernist art as “autonomous, self-referential, self-conscious, ironic, ambiguous, experimental, rejecting all classical systems of representation, and adversarial toward the bourgeois.” Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 476 – Postmodernism (3) Explores novels and short fiction written during the latter half of the twentieth century specifically those that challenge literary and cultural norms. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 479 – Topics in Aesthetic Movements (3) Studies in international aesthetic movements such as Surrealism, Symbolism, Constructivism, Mycism, Impressionism, etc. Topics vary from semester to semester. Prerequisites: LITR 200 or 201, and LITR 300. As warranted.

LITR 511 – Advanced Topics: Literary Nonfiction (3) Examines nonfiction (biography, autobiography, the essay, new journalism) of literary value. Integrates close analysis of primary texts, secondary criticism, and critical theory. Topics will vary from semester to semester. Prerequisites: LITR 200 or 201, and LITR 300 or graduate standing. As warranted.

LITR 512 – Advanced Topics: Short Story (3) Examines the short story as a specific modern genre, beginning with examination of the form’s emergence in the early nineteenth century and concluding with readings of contemporary texts. Integrates close analysis of primary texts, secondary criticism, and critical theory. Authors and focus will vary from semester to semester. Prerequisites: LITR 200 or 201, and LITR 300 or graduate standing. As warranted.

LITR 513 – Advanced Topics: Drama (3) Examines the forms and traditions of drama. Integrates close analysis of primary texts, secondary criticism, and critical theory. Topics will vary from semester to semester. Prerequisites: LITR 200 or 201, and LITR 300 or graduate standing. As warranted.

LITR 514 – Advanced Topics: Poetry (3) Examines the forms and traditions of poetry. Integrates close analysis of primary texts, secondary criticism, and critical theory. Topics will vary from semester to semester. Prerequisites: LITR 200 or 201, and LITR 300 or graduate standing. As warranted.

LITR 515 – Advanced Topics: The Novel (3) Examines the novel from a variety of foci—through genre, period, theme, or topic-based constraints. Integrates close analysis of primary texts, secondary criticism, and critical theory. Topics will vary from semester to semester. Prerequisites: LITR 200 or 201, and LITR 300 or graduate standing. As warranted.

LITR 520 – Special Topics (3) Examination of a special topic in literature, focusing on a genre, literary movement, or specific author(s). Topics will vary from semester to semester. Prerequisites: LITR 200 or 201, and LITR 300 or graduate standing. As warranted.

LITR 523 – Major Authors (3) For each offering, a major author from English, American or World literature will be chosen for detailed study. Prerequisites: LITR 200 or 201, and LITR 300 or graduate standing. As warranted.

LITR 530 – Advanced Topics: Film (3) Studies film as a specific modern genre, beginning with examination of the form’s emergence in the late nineteenth century and concluding with readings/viewings of contemporary films. Integrates close analysis of primary films, secondary criticism, and film theory. Topics will vary from semester to semester. Prerequisites for undergraduates: LITR 200, 201, or 330 and LITR 300. As warranted.

LITR 580 – Literary Theory and Research (3) Builds on LITR 300 to provide a detailed examination of particular theoretical approaches currently used in literary analysis. Some attention to combining theoretical approaches, such as psychoanalytic with feminist. Students complete an independent research project on the topic of their choice, informed by literary theory and current literary criticism. Prerequisites for undergraduates: LITR 200 or 201, and LITR 300. Yearly.

LITR 585 – Research in Literary Archives (3) This course develops skills in accessing and utilizing archives of literary materials, including primary texts but also ephemera, diaries, personal correspondence, or other aspects of collected printed materials. Focusing on micromaterials collections in the Crumb Library (e.g. microfilm and microfiche), as well as digital archives, students rely on printed indices and databases to develop self-directed, interdisciplinary research projects that synthesize analyses of primary and secondary materials. Authors and focus will vary from semester to semester. Prerequisites for undergraduates: LITR 200 or 201, and LITR 300. Yearly.

Linguistics

LNGS 110 – Exploring Language (4) We are, in undeniable ways, what we speak! Language lies at the heart of who we are and what we might be and informs our conceptions of reality. In this course we begin to explore not only how human beings manipulate language, but also how they are manipulated by it. Throughout the semester we will employ not only serious reading on scholarly questions, but also fiction, poetry, and film to define language, explore language as a human attribute, and investigate the role of language in defining us as social beings. Gen Ed: FW credit. Cross listed as ANTH 161. Yearly.

LNGS 203 – Language and Culture (3) An introduction to language as a tool in the analysis and description of human populations and their behavior, and a study of the ways in which languages, cultures, and people relate to one another. Gen Ed: SA & XC credit. As demand warrants

LNGS 301 – Language and Structure (3) Explores the structures of sounds, words, and phrases. Analyzes the evolution of structural differences among Old, Middle, and Modern Englishes. Examines behaviorism and universal grammar and their implications for the acquisition of language. Yearly.

LNGS 302 – Language and Meaning (3) Explores the meaning of words, sentences, symbolic systems, and how people use language. Includes discussions about linguistics reference (literal meaning, metaphor, implication), speech acts and conversation analysis, and semiotics. As warranted.

LNGS 309 – History of the English Language (3) Presents the historical development of English in such a way as to emphasize the interaction between the internal history of the language (phonological and grammatical evolution) and the external history (ambient social and intellectual factors). As warranted.


LNGS 320 – Theories of Language (3) Surveys major issues in Western approaches to language as they are developed in the work of Plato, Aristotle, Locke, Saussure, Skinner, Sapir, Austin, Chomsky, and others with particular attention to how these theories contribute to contemporary discussions about language and its relation to symbolic systems, linguistic structures and change, the mind/brain problem, human behavior and interaction, rhetoric, first and second language acquisition, and aesthetics. As warranted.

LNGS 342 – Language and Gender (3) This course examines critically the interaction between language and gender. Beginning with an investigation of beliefs about language and about gender and this interaction between the two, the course proceeds to explore the research of male and female speech, seeking to understand the social, psychological, and linguistic processes that underlie sex differences in language use. Finally, in studying the role played by language, speech and communication in defining notions of “male” and “female,” the goal will be to understand better the way in which language reflects and reinforces social and cultural patterns of behavior and identity. Cross listed as ANTH 342. Fall.
## Geology Major (B.S.)

**43 credit hours required. Plus 23-24 credits of cognates.**

The Bachelor of Science degree is designed for individuals who wish to pursue a career in geology, seek professional licensure, and/or pursue a graduate degree in geology; students in this degree program must complete 33 credits of required core courses, five credits of a capstone experience, five credits of electives, and 23-24 credits of cognate sciences (typically a year of chemistry, calculus, and physics).

All courses are 3 credits unless noted. Credits are divided as follows:

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<td>GEOL 204 Historical Geology</td>
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<td>GEOL 302 Principles of Paleontology (4 credits)</td>
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<td>GEOL 410 Hydrology and Hydrogeology (4 credits)</td>
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<td>GEOL 420 Geochemistry</td>
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**Capstone Requirement:** one or more of the following

- GEOL 480 Geology Research
- INTD 491 Geology Internship (variable credits)

A preapproved geology field camp (generally 4-6 credits; offered by other institutions) under advisement, two additional upper division courses may be substituted for the research/internship component.

**Electives:** two or more of the following

- GEOL 300 Field Geology (2 credits)
- GEOL 303 Geologic Maps and Cross Sections (2 credits)
- GEOL 306 Geology of our National Parks
- GEOL 340 Geographic Information Systems (4 credits)
- GEOL 395 Earth’s Climate: Past and Future
- GEOL 401 Paleocology
- GEOL 406 Geomorphology (4 credits)
- GEOL 407 Geophysics
- GEOL 440 Economic Geology
- GEOL 450 Geology of the Great Basin
- GEOL 452 Geology of Nova Scotia – Field Trip (2 credits)
- GEOL 453 Geology of Nova Scotia – Research (2 credits)

**Cognate Requirements**

| CHEM 105 General Chemistry 1 (4 credits) |
| CHEM 106 General Chemistry 2 (4 credits) |
| MATH 151 Calculus I (4 credits) |
| MATH 152 Calculus II (4 credits) OR MATH 125 or STAT 100 Probability and Statistics I (3 credits) |
| PHYS 101 or 103 College or University Physics I (4 credits) |
| PHYS 104 or 202 College or University Physics II (4 credits) |

**Grade Requirements**

Minimum grade of 2.0 is required for all courses in the major and for cognates. Students may not S/U geology courses.

**Geology Major (B.A.)**

**38 credit hours required. Plus 12 credits of cognates.**

The Bachelor of Arts degree is ideally suited for students who are pursuing a double major with another B.A. degree field. The core geology courses and electives are the same as for the B.S., but students do not have to take as many cognates (only one year of chemistry and completion of Calculus I) nor do they have to complete a capstone experience.

All courses are 3 credits unless noted. Credits are divided as follows:

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GEOL 300  Field Geology (2 credits)
GEOL 303  Geologic Maps and Cross Sections (2 credits)
GEOL 306  Geology of our National Parks
GEOL 340  Geographic Information Systems (4 credits)
GEOL 401  Paleocoeology
GEOL 406  Geomorphology (4 credits)
GEOL 407  Geophysics
GEOL 440  Economic Geology (4 credits)
GEOL 450  Geology of the Great Basin
GEOL 452  Geology of Nova Scotia – Field Trip (2 credits)
GEOL 453  Geology of Nova Scotia - Research (2 credits)
PHYS 330  Meteorology
PHYS 335  Astronomy

Cognate Requirements  8
CHEM 105  General Chemistry 1 (4 credits)
CHEM 106  General Chemistry 2 (4 credits)
MATH 151  Calculus I (4 credits)
*Math 125 or STAT 100 (both 3 credits) may be substituted for Calculus I for students who are pursuing a double major with another B.A. degree program.

Grade Requirements
Minimum grade of 2.0 is required for all courses in the major and for cognates. Students may not S/U geology courses.

Environmental Technology Minor  18 credit hours required.

The minor degree is in conjunction with SUNY Canton. It permits SUNY Potsdam students to earn an Environmental Technology minor degree by cross registering for courses at SUNY Canton. The Environmental Technology Minor would be granted at SUNY Potsdam (to SUNY Potsdam students) and would require coursework in the Geology Department at SUNY Potsdam and in the Canino School of Engineering at SUNY Canton. The minor is open to all SUNY Potsdam students and requires 18 credits in core courses plus 12 credits in prerequisite courses. Only seven credits of overlap between the Environmental Technology minor and the Geology major are permitted (GEOL 103 and GEOL 410). Interested students should contact Dr. Michael Rygel, rygelmc@potsdam.edu, 315-267-3401.

Courses offered at SUNY Canton are noted below.

All courses are 3 credits unless noted. Credits are divided as follows:

Core Required Course  3
GEOL 103  Physical Geology

Required Electives  15
CONS 101  Elementary Surveying (4 credits, SUNY Canton)
CONS 216  Soils in Construction (4 credits, SUNY Canton)
GEOL 340  Geographic Information Systems (4 credits) OR
CONS 350  Introduction to GIS (SUNY Canton)
GEOL 410  Hydrology and Hydrogeology (4 credits, Spring) OR
CONS 385  Hydrology and Hydrogeology (4 credits, SUNY Canton)
CONS 386  Water Quality (4 credits, SUNY Canton)
LEST 388  Environmental Law (SUNY Canton)
CONS 387  Water and Wastewater Treatment (SUNY Canton)
CONS 485  Solid Waste Management (SUNY Canton)
CONS 486  Soil and Groundwater Remediation (SUNY Canton)

Prerequisite Courses  12
In addition to the courses listed above, Potsdam students must take the following prerequisites (which are already required as part of the Geology BS curriculum):
CHEM 105  General Chemistry 1 (4 credits)
CHEM 106  General Chemistry 2 (4 credits)
MATH 151  Calculus I (4 credits)

Geology Minor
19 credit hours required. Closed to Geology majors.

The geology minor provides an opportunity for students majoring in the social sciences and the other sciences to relate their major field of study to issues concerning the environment and particularly to geologic aspects of land-use. The geology minor is especially appropriate for majors in archeology, anthropology, economics, environmental studies, political science, sociology and the other sciences who anticipate careers in government or industry that will involve issues of public policy concerning the environment.

All courses are 3 credits unless noted. Credits are divided as follows:

Required Courses  6
GEOL 101, 103, 125, or 195
GEOL 204  Historical Geology

Electives  13
Any combination of 300-400 level Geology courses upon advisement.

Grade Requirements
All credits submitted for the geology minor must be at a grade of 2.0 or higher. Students may not S/U geology courses.

3-2 Double Degree Program in Geology, Civil and Environmental Engineering

This program prepares students who have educational and career interests in both geology and civil engineering. The first three years are spent at SUNY Potsdam where courses in chemistry, physics, mathematics (calculus and differential equations) and basic engineering courses are included with the regular geology course sequence. The student becomes a part-time engineering student at Clarkson University during the second and third years and full-time during the fourth and fifth years. Graduation occurs at the end of the fifth year with a B.A. or B.S. from SUNY Potsdam and a B.S. from Clarkson University. See page 63.

Incoming first-year students in this program should register for GEOL 103, MATH 151, CHEM 105 and PHYS 103 in the fall semester in order to take subjects in sequence.

Procedure for Declaring a Geology Major or Minor

Students who are interested in the geology major, the geology minor, an interdepartmental major (geology plus another science), or the 3-2 Double Degree program (geology and civil and environmental engineering) should contact Dr. Michael Rygel, 235 Timerman, 315-267-3401, as early in their college career as possible. Geology majors will be assigned advisers from the geology faculty.
Geology Course Descriptions

Note: Some Geology courses include or require co-registration with a laboratory component. See descriptions for details.

**GEOL 195, 295, 395, 495 – Special Topics (1-12)**

**GEOL 198, 298, 398, 498, 598 – Tutorial (1-3)**

**GEOL 101 – Environmental Geology (3)** A study of geology and the human environment. Topics begin with the basics of geology: minerals and rocks, the earth's internal structure, earthquakes, volcanoes and plate tectonics. Surface processes affecting the environment include stream behavior and flooding, groundwater, and air pollution. The course examines laws governing the extraction and use of water, as well as energy sources and environmental concerns. Laboratory includes field trips in the Potsdam area and the use of geological and topographic maps. Lab required. Gen Ed: SP & LB credit. Fall and Spring.

**GEOL 102 – Ancient Life (3)** This is a survey course designed to describe the countless forms of organisms that have lived on the Earth since it formed 4.6 billion years ago. We will explore how and why those organisms evolved and why many went extinct, and also the ecological interactions between organisms with the physical environment. Other major topics are: understanding evolution, tracing evolutionary relationships, and interpreting the behavior of extinct organisms. Gen Ed: SP credit. Fall.

**GEOL 103 – Physical Geology (3)** Minerals, rocks, rock deformation, maps, geological processes that shape the land, environmental geology. Lab required. Gen Ed: SP & LB credit. Fall and Spring.

**GEOL 125 – Dynamic Earth (3)** This course covers topics in earth systems science including geology, earth history, plate tectonics, the hydrosphere, the atmosphere, energy and the environment. The intent is to provide exposure to a wide variety of topics in the earth sciences. The course will be supplemented with discussions of current events and discoveries related to the earth sciences, and local geological features. Gen Ed: SP & LB credit. Fall and Spring.

**GEOL 204 – Historical Geology (3)** Historical Geology is the second course in the geology sequence and builds upon the basic geologic principles introduced in 100-level courses. The first half of the course focuses on the methods and principles that geologists use to interpret Earth History; the second half of the course focuses on Earth systems history (climate, oceans, atmosphere, geologic processes and life). Prerequisite: GEOL 101 or 103 or 125. Lab required. Gen Ed: SP & LB credit. Fall and Spring.

**GEOL 300 – Field Geology (2)** Field studies in northern New York stressing map making, data collection, field descriptions, note taking, and use of GPS. Prerequisite: GEOL 204.

**GEOL 301 – Sedimentary Geology (4)** Study of sediment transport and deposition, classification and description of clastic and carbonate sedimentary rocks, depositional environments, and an introduction to stratigraphy (emphasis is on lithostratigraphy, biostratigraphy, and sequence stratigraphy). Mandatory weekend trip to southern New York. Prerequisite: GEOL 204. Lab required. Spring.

**GEOL 302 – Principles of Paleontology (4)** Topics covered in this class include: paleoecology, systematics, evolutionary development, functional morphology, biogeography, diversity, and extinction. Labs focus on invertebrate organisms and their use as environmental indicators and in stratigraphic correlation. Prerequisite: GEOL 301 or permission for Biology majors or minors. Prerequisite: GEOL 204. Lab required. Spring.

**GEOL 303 – Geologic Maps and Cross Sections (2)** A comprehensive introduction into the use of geologic maps and cross sections as tools for understanding the geologic history of an area. Specific topics include the relationships between geology and topography, interpretation of geologic structures, quantifying the attitude and position of geologic units, and temporal relationships between units and structures. Course complements the field-based techniques emphasized in Field Geology (GEOL 300) and provides students with exposure to regional mapping problems. Prerequisite: GEOL 204. As needed.

**GEOL 306 – Geology of our National Parks (3)** Study of geologic processes using national parks as examples. Processes studied include sedimentology, stratigraphy, volcanology, glaciology, cave formation and tectonics. National parks studied include Grand Canyon, Arches, Mt. Rainier, Zion, Canyonlands, Badlands, Yosemite, Hawaii Volcanoes, Glacier, Yellowstone, Grand Tetons, Carlsbad Caverns, Mammoth Caves, Acadia and Shenandoah. Prerequisite: GEOL 101, 103 or 125. Gen Ed: SP credit. As needed.

**GEOL 311 – Mineralogy & Optical Mineralogy (4)** This course focuses on (1) The identification, classification and study of minerals and mineral groups with an emphasis on crystal chemistry, symmetry, and the geologic conditions under which they form, and (2) The theory of light behavior in minerals and its application to study rocks and minerals in thin section using petrographic microscopes. Field trips to the St. Lawrence Valley and Adirondack Mountains. Prerequisites: GEOL 101, 103, or 125 + CHEM 105 and CHEM 106. Lab required. Fall.


**GEOL 340 – Geographic Information Systems (4)** Lecture/Lab. Introduction to basic cartographic principles (projections, datums, etc.), theory and applications of global positioning systems, design and interpretation of maps. ArcGIS software will be used to introduce the theory and applications of GIS, create and edit maps and databases, and perform spatial analysis. Sophomore standing. Fall and Spring.

**GEOL 395 – Climate Change: Past & Present (3)** This course introduces students to the fundamentals of climate science, the geologic record of climate change, the tools used to reconstruct past climates, natural and anthropogenic influences on climate, and predictions of future climate change. Particular emphasis is placed on how the atmosphere, oceans, life, geology, and orbital parameters influence climate and the complex interactions/feedbacks between these systems. Prerequisite: GEOL 204 or (GEOL 102 or 103 and CHEM 105). As needed.

**GEOL 405 – Structural Geology (4)** Study of folds, faults and shear zones in the Earth's crust on macroscopic and microscopic scale. Lab. Field studies in northern New York. Prerequisites: GEOL 204 and junior or senior standing. Lab required. Gen Ed: WI credit. Fall.

**GEOL 406 – Geomorphology (4)** Comprehensive study of the earth's surface and the forces that shape it. Topics include mass movement, drainage basins, river processes, glaciers and glacial deposits, and coastal environments. Prerequisites: GEOL 101, 103 or 125 and Junior standing. Lab required. Spring.

**GEOL 410 – Hydrology and Hydrogeology (4)** Study of the abundance, distribution and movement of fresh water in the atmosphere, on the surface, and in the subsurface. Prerequisites: GEOL 102, 103, or 125 and CHEM 105 or MATH 110 or MATH 125 or Math 141 or MATH 151. Lab required. Spring.

**GEOL 411 – Paleoecology (3)** In this course, we will apply topics in modern paleoecology to the fossil record. Each topic is introduced through a short lecture then expanded upon using reading assignments from the primary literature. Junior Standing. Spring.

**GEOL 420 – Geochemistry (3)** Study of major and trace element distribution in rocks, magma formation, radiogenic isotope systematics, fluid inclusions, weathering, diagenesis, alteration, mineral stability, and stable isotope fractionation utilizing chemistry-based principals. Prerequisites: GEOL 311 and CHEM 105 & 106. Pre- or corequisite: GEOL 311. Gen Ed: SI credit. Fall.

**GEOL 440 – Economic Geology (3)** Study the genesis and geology of ore deposits including base- and precious-metals, gems, coal, petroleum, and industrial rocks and minerals. Discuss how society uses each material, the environmental implications of doing so, and the remediation steps necessary to minimize the associated environmental impact. Prerequisite: GEOL 311. Corequisite: GEOL 321. Lab required. Spring.

**GEOL 452 – Geology of Nova Scotia – Field Trip (2)** Students will learn about the geology of Nova Scotia via a mandatory field trip (summer). Trip involves strenuous hikes over irregular terrain in variable weather. Specific stops include the fossil forests of the Joggins Fossil Cliffs World Heritage Site, Triassic rift basin deposits (desert deposits, dinosaurs, and basalt flows), Mississippian lake deposits with some of the oldest terrestrial tetrapods, an upside down angular unconformity at Rainbow Cove, and many others. Following the trip, students may complete a research project (GEOL 453) on one of the areas visited. Prerequisite: GEOL 204 and permission of instructor. As needed.
GEOL 453 – Geology of Nova Scotia – Research (2) This course is the academic follow up to the Geology of Nova Scotia field trip. Students will build upon their field experiences and select a semester-long research topic related to one of the destinations visited on the summer field trip. Students will learn about the fundamentals of research and scientific writing in the geosciences via discussions and exercises that explore plagiarism, citation styles and conventions, the structure of research papers, the peer-review process, style and composition. Final projects include a fully-referenced review paper and a poster presentation. Prerequisite: GEOL 452.

GEOL 475 – Geology Laboratory Techniques (1) Experience in laboratory instruction under supervision and guidance of a faculty member. Prerequisites: GEOL 204 and permission of instructor. Tutorial. Fall and Spring.

GEOL 480 – Geology Research (3) Original research designed to give practical experience in any area of geology. Open primarily to upper-division geology majors and only on advisement. Research conducted in cooperation with a geology professor. Instructor permission required. Fall and Spring.

GEOL 575 – Geology Laboratory Techniques (1) Experience in laboratory instruction under supervision and guidance of a faculty member. Prerequisites: GEOL 204, graduate standing, permission of instructor. Tutorial. Fall and Spring.

Department of History

Contact Person: Thomas N. Baker, Chair
321A Satterlee, 315-267-2078, bakertn@potsdam.edu

Professors: Geoffrey W. Clark
Associate Professors: Thomas N. Baker, Axel Fair-Schulz, Libbie Freed, M.J. Heisey, Shiho Imai, Sheila McCall McIntyre, Kevin D. Smith, Steven M. Stannish

Course Coordinator: Carrie Bates
Visiting Lecturer: Gaylynn J. Welch

History Major (B.A.)

30-33 credit hours required.

All courses are 3 credits unless noted. Credits are divided as follows:

Credits

Required Courses

HIST 101, 102, or 106 (4 credits)
HIST 201, 202, 203 (4 credits), 204 (4 credits) or 205 (4 credits)
HIST 100, 225, 226, or 230 (3-4 credits)
HIST 302 Fighting Words: History & Story
Any 300 or 400 level North American History Course
Any 300 or 400 level European History Course
Any 300 or 400 level African, Asian, or Latin American History Course
Any two additional 300 or 400 level History courses (2 @ 3 credits)
HIST 480 Senior Seminar in History

Notes

• Students must earn a minimum grade of 2.0 in courses counted toward the major.
• HIST 302 and seminar are open only to History majors. Students must take HIST 302 and a prerequisite upper-division course for the seminar.

History Minor

18-20 credit hours required. Closed to History majors.

All courses are 3 credits unless noted. Credits are divided as follows:

Credits

Required Courses

Any two 100 or 200 level history courses

Elective Courses

Any four 300 or 400 level history courses

Note: Students must earn a minimum grade of 2.0 in courses counted toward the minor.

History Course Descriptions

HIST 195, 295, 395, 495 – Special Topics (1-12)
HIST 198, 298, 398, 498 – Tutorial (1-3)

HIST 100 – World History (3) Applying a cross-cultural, comparative approach to understanding social, political, economic, and cultural developments, this course surveys significant themes in historical development from ancient to modern times. Gen Ed: WC credit. Fall and Spring.

HIST 101 – Europe from 1500 to 1815 (3) Major developments and issues in European history from 1500 to 1815. Gen Ed: WC credit. Fall and Spring.

HIST 102 – Europe since 1815 (3) Major developments and issues in European history from 1815 to the present. Gen Ed: WC credit. Fall and Spring.

HIST 106 – Europe Since 1815 (4) Major developments and issues in European History from 1815 to the present. Emphasizes speaking, reasoning and research. Gen Ed: F & WC credit.

HIST 110 – Europe since 1500 (3) This hybrid course is a comprehensive, thematically organized overview of European history from the sixteenth century to the present. It is designed to meet the needs of students in the General Education Program. Gen Ed: WC credit.

HIST 111 – European History and Geography (3) This course considers the grand sweep of European history and geography from the rise of near Eastern civilizations to the present, paying due attention to the West’s political economic, social, and cultural development, as well as its relationship to the rest of the world. It is designed to meet the needs of students in the Childhood Education Program. Gen Ed: WC credit.

HIST 120 – Survey of American History (3) This course is a comprehensive, thematically organized overview of American history. It is designed to meet the needs of students in the General Education Program. Gen Ed: AH credit.

HIST 121 – U.S. History and Geography (3) This course is a comprehensive overview of American history and geography from pre-Columbian times to the present. It is designed to meet the needs of students in the General Education Program. Gen Ed: AH credit.

HIST 201 – United States to 1877 (3) Major developments and issues in American History to 1877. Equivalent to HIST 203 and 205. Gen Ed: AH credit. Fall and Spring.

HIST 202 – United States since 1877 (3) Major developments and issues in American History since 1877. Equivalent to HIST 204. Gen Ed: AH credit. Fall and Spring.

HIST 203 – United States to 1877 (4) Major developments and issues in American history to 1877. Equivalent to HIST 201 and 205. Emphasizes writing, reasoning and research. Gen Ed: AH & FW credit.


HIST 225 – East Asian History (3) Introduction to the history of East Asia from the emergence of ancient cultures to the present. Its main focus will be on the political, cultural, and social developments of China and Japan, with some attention to Korea and Taiwan. Gen Ed: XC credit.

HIST 226 – East Asian History (4) Introduction to the history of East Asia from the emergence of ancient cultures to the present. Emphasizes writing, reasoning and research. Gen Ed: FW & XC credit.

HIST 230 – Introduction to Africa (3) Introduces students to Africa by exploring the continent's diverse history, geography, politics and cultures through lectures, novels, and film. Gen Ed: XC credit.

HIST 301 – Ancient and Medieval Europe (3) Emergence of western values, ideas, and institutions in classical Greece and Rome, the rise of Christianity and development of European civilization through the crisis of the later Middle Ages. Prerequisite: sophomore standing.

HIST 302 – Fighting Words: History & Story (3) Introduces majors to the theories and methods that historians employ as they seek to construct plausible and compelling interpretations of the past. Prerequisite: 9 credits of history, Fall and Spring.


HIST 308 – Canadian History (3) Canada from voyages of Jacques Cartier and colonization by Samuel de Champlain to present. Emphasis on modern period and problems of two nations in a single state. Prerequisite: sophomore standing.

HIST 309 – Colonialism In The Caribbean (3) Explores the impact of race, class, and colonialism on the development of Caribbean society. Examines the political geography of the pre-Hispanic Caribbean, the political and technical developments in the Iberian Peninsula that made colonialism possible, patterns of settlement, the rise of the plantation system, the connections between slavery and capitalism, the birth of African-American culture, the social structure of plantation society, slave resistance, and the process of emancipation. Prerequisite: sophomore standing.

HIST 310 – Cultures of Mexico & Central America (3) Cultures of Mexico and Central America from conquest to present day. Emphasis on effects of conquest and colonial governmental systems on indigenous cultures. Cross listed with ANTH 360. Prerequisite: sophomore standing.

HIST 311 – Indians and Iberians (3) A history of Latin American focused on the exchange and transformation of native American and Spanish cultures to form the Hispanic American world. Areas of emphasis will include pre-conquest Spain, pre-Columbian Indian Civilizations, the Spanish conquest, the establishment of a new, cross-cultural society, and the break between Spanish American and Spain up through the 19th century. Prerequisite: sophomore standing.


HIST 314 – Vietnam War (3) Origins of the war in Vietnam from the tradition of resistance by the Vietnamese people against foreign intruders and the development of the Cold War in Asia: the war perceived as both a Vietnamese and American experience. Prerequisite: sophomore standing.

HIST 315 – Modern Japanese Women's History (3) Examines the development of gender roles in Modern Japan, particularly in relation to the economic and political developments of the Tokugawa, Meiji, Taisho and Showa periods, and the various responses those changes evoked among women. Prerequisite: sophomore standing.

HIST 318 – Pre-modern Japan (3) Covers Japanese history from the prehistoric period to the Tokugawa period, paying particular attention to the development of political institutions, cultural and intellectual trends, and the long-term transformation of the economy and society. Prerequisite: sophomore standing.

HIST 319 – Modern Japan (3) Traces Japan's Historical development from the Meiji Restoration (1868) to the present, exploring the process of modernization, the growth of the imperial state, the Second World War, defeat and occupation, and post-war recovery. Prerequisite: sophomore standing.

HIST 321 – Ancient Greece and Rome (3) Examines the Mediterranean world from 1550 BC to AD 500. It is divided into a unit on Greece and a unit on Rome. In addition to considering the ancient Mediterranean's political history, the course will focus on the region's cultural legacy. Prerequisite: sophomore standing.

HIST 322 – Ancient Middle East (3) Examines the Middle East from 3100 to 332 BC. It is divided into three parts: 1. Mesopotamia; 2. Egypt; and 3. the Holy Land. It presents the region's political and cultural traditions through primary and secondary sources. Prerequisite: sophomore standing.

HIST 323 – Middle East: Alexander to Islam (3) Examines the Middle East from 332 BC to AD 570. It is divided into three parts: 1. the Hellenistic Age; 2. the advent of the Romans, and 3. the Orient in Late Antiquity. It looks at the influence of Alexander the Great, the spread of Greek culture, Christianity in the East, and the conflict between Rome and Persia. Prerequisite: sophomore standing.

HIST 326 – Egypt in Late Antiquity (3) Covers Egyptian history from the collapse of the New Kingdom to the Arab Conquest. Major topics include the Saite Renaissance, cooperation and confrontation with Persian, Greek and Roman occupiers, and Coptic Christianity. Prerequisite: sophomore standing.

HIST 330 – Black Diaspora: 1500 to Present (3) A social, economic, political and cultural survey of the migrations (forced and otherwise) of black Africans to, and between, the Americas and Europe over the past 500 years. Prerequisite: sophomore standing.

HIST 331 – Africa to 1870 (3) Examines African history from the emergence of the earliest human societies through the mid-nineteenth century, with particular focus on the period after 1400. Considers the developments of lineage societies and centralized states, the trans-Saharan trade, the Atlantic slave trade, the spread and influence of religions such as Islam and Christianity, and Africa's encounters with other parts of the world. Prerequisite: sophomore standing.

HIST 332 – Africa since 1870 (3) Examines modern African history, paying particular attention to imperialism and its impact on African societies and cultures, the rise of nationalist and independence movements, independence and the creation of nation-states, and recent and contemporary politics, society, and culture. Prerequisite: sophomore standing.

HIST 341 – Colonial American History (3) Examines the history and culture of early America as described by both participants and historians. Considers the development of early American society and culture from 1598 to 1763. Religion, gender, class, social status, economics, war and Native-European relations will be examined. Prerequisite: sophomore standing.

HIST 342 – Revolutionary America (3) Examines the colonies in the English Atlantic world and the individual and collective decisions to break away from Great Britain. Considers how independence, revolution, and war allowed the former colonies to create a new and fragile Republic. Prerequisite: sophomore standing.

HIST 351 – Medieval and Renaissance England (3) Examines the history of England from the Medieval period through the reign of Queen Elizabeth I, paying special attention to the manorial system. Feudalism, the growth of Parliament, the emergence of centralized states, the trans-Saharan trade, the Atlantic slave trade, the spread and influence of religions such as Islam and Christianity, and Africa's encounters with other parts of the world. Prerequisite: sophomore standing.

HIST 352 – Revolutionary England (3) Examines the history of England from the beginning of the Stuart dynasty to the beginning of industrialization, paying particular attention to the origins and progress of the Civil War, and Interregnum, the Restoration, the Glorious Revolution, the financial and consumer revolutions, and the movement for reform. Prerequisite: sophomore standing.

HIST 353 – Renaissance & Reformation (3) Examines the intellectual, cultural, religious, social, economic, and political dimensions of two profound transformations in European history: the Renaissance and the Reformation, roughly spanning the years 1350 to 1650. Prerequisite: sophomore standing.

HIST 354 – The Enlightenment (3) Examines in detail the process by which Enlightenment culture took shape, spread, and evolved during the eighteenth century. Between the publication of Newton's Principia Mathematica in 1685 and the out-
break of the French Revolution a century later, the political, social, and economic assumptions of European thought were radically revised. This intellectual revolution in turn ushered in new forms of sociability and ultimately new political orders. Prerequisite: sophomore standing.

HIST 370 – African American History (3) Explores African American History form the end of the Civil War to the 1990s, paying particular attention to the Civil War movement of the 1950s and 1960s. Prerequisite: sophomore standing. Taught once every three semesters.

HIST 371 – The First World War (3) The causes, course and consequences of the First World War; Origins of the war in imperialism and Balkan nationalism; the July Crisis and war of illusions; total war: revolution in Russia, and the consequences to Europe, the Middle East and the global balance of power. Prerequisite: sophomore standing.

HIST 372 – Civil War America (3) The Civil War era in history and memory. Emphasis on politics, society, and culture as well as military affairs. Prerequisite: sophomore standing.

HIST 373 – World War II (3) Causes, events and result of the traumatic watershed in world history. May be European, American or Asian in focus as announced each time it is offered. Prerequisite: sophomore standing.

HIST 376 – The U.S. in the 1920s & 1930s (3) Domestic issues in the United States from 1919 to 1939. Emphasis on prosperity of the twenties, the Depression and the New Deal. Prerequisite: sophomore standing.

HIST 377 – The United States Since 1945 (3) Explores the history of the U.S., the end of World War II, examines the Cold War, the Civil Rights Movement, the Vietnam War, the turbulent 1960s, the political and economic crisis of the 1970s, the Regan Era, and the politics of personal destruction in the 1990s. It highlights the increasingly close connection between domestic politics and foreign policies, as well as the growing racial and ethnic diversity of the American population. Prerequisite: sophomore standing.

HIST 378 – Adirondack Environmental History (3) Student research projects explore interrelationships of natural and cultural history in the Adirondack Park, with particular attention to the social, economic, and cultural factors that shape, and reshape, land use over time. The Park as a place constitutionally protected "forever wild" will be considered in the contexts of larger theoretical discussion about wilderness and protection of other American wild places.

HIST 379 – History of New York State (3) Political, economic and social developments from colonial times to present. Relationship of state history to major issues and events in American life. Prerequisite: sophomore standing. Fall and Spring.

HIST 381 – Modern British Isles (3) British from 1832 to the present. Emphasis on evolution of institutions of government, patterns and consequences of economic development, and changing structures of society. Prerequisite: sophomore standing.

HIST 386 – Imperial Russia (3) Examines major developments in the history of the Imperial Russian state, focusing on the role of the Romanov dynasty from 1613 to 1917. The failure to move from a feudal state to modern social, political, and economic entity created mounting tensions, revolution, and destruction of the old regime. The course examines autocracy, political polarization, serfdom, Russia's relationship to the West, and its geographic-cultural location. Prerequisite: sophomore standing.


HIST 388 – Potsdam in Europe (3) Examines the development of the Potsdam/Berlin region as a major European center, paying attention to cultural, political, and military affairs. We will analyze themes such as religious tolerance and the Enlightenment, as well as the Nazi and Cold War years. Prerequisite: sophomore standing.

HIST 389 – Modern Germany: Bismarck to Hitler (3) Modern German history from unification and industrialization to defeat in the First and Second World Wars; the collapse of the Weimar Republic, the rise of the Third Reich, and the division of Germany. Prerequisite: sophomore standing.

HIST 400 – Honors Thesis I (3) Senior project which demonstrates mastery of skills of historical inquiry, and critical and analytical expertise. Project is begun in first semester and completed in second (Honors Thesis II). Prerequisite: Permission.

HIST 401 – Honors Thesis II (3) Completion of project begun in Honors Thesis I.

HIST 402 – Early American Indian History (3) Explores the history of the people who lived, flourished, “adapted, constructed, retreated and resisted” in the North American continent from pre-history through the removal policies of the 1830s. Prerequisite: junior standing.

HIST 419 – U.S. Foreign Relations 1763 - 1901 (3) Examines the history of U.S. foreign relations, between the conclusion of the Seven Years War in 1763 and the decision of American policy makers to pursue overseas expansion at the end of the nineteenth century. Explores U.S. territorial expansion. Native American and Mexican resistance, the diplomacy of the Monroe Doctrine and the American drive for overseas economic expansion after the Civil War. Prerequisite: junior standing.

HIST 420 – U.S. Foreign Relations 1890-2000 (3) Explores the history of U.S. foreign relations from the beginning of the nation's overseas economic expansion during the 1890s to the present. Investigates the causes and consequences of the major wars fought by the U.S. during the late nineteenth and twentieth centuries, the origins and effects of the Cold War on U.S. foreign relations, and the impact of economic globalization on the conduct of U.S. foreign policy and on the nation's domestic politics, society, and economy. Prerequisite: junior standing.

HIST 421 – Race & American Film History (3) Explores the issue of race, broadly defined, in the history of the US cinema. Consideration of relevant contemporary social and cultural issues will supplement close viewing of a number of American films spanning the years from 1915 to the present. Prerequisite: junior standing.

HIST 450 – Modern American Oral History (3) Introduces students to oral history by having them produce an oral interview related to a focused historical topic. Explores the methods and theories of oral historians. Places the oral interview within a larger historical context. Cross-listed with ANTH 364. Prerequisite: junior standing.

HIST 451 – Witchcraft in Early America (3) Explores witchcraft in early America, paying special attention to the social, religious and gendered contexts of witchcraft and to the legal and cultural dimension of witch-hunting. Prerequisite: junior standing.

HIST 452 – Work in American History (3) Considers diverse workers and work settings of Americans from the seventeenth century to the present. Emphasizes the transforming of work and its relationships to political and economic change, labor movements, and personal or community experiences of work. Prerequisite: junior standing.

HIST 453 – Nature in American History (3) An introduction to North American environmental history. Explores the interaction between human beings and their environment, specifically how that environment shapes human expectations, possibilities, and behavior, and how humans have understood the workings of nature and their appropriate role in it. Prerequisite: junior standing.

HIST 454 – Energy in American History (3) Survey of human life in America that focuses on the role of energy in societies and cultures that have been established here. Prerequisite: junior standing.

HIST 455 – Religion in American Culture (3) Historical examination of the various expression of religious belief and practice in American culture. Focuses on the creation of a Protestant establishment in the colonial period and the challenges posed to that establishment by democracy, science, multiple competing cultures, and even the mainstream of American culture. Prerequisite: Junior standing.

HIST 457 – Early American Thought (3) Examines the main currents of American thought from the colonial period through the mid-nineteenth century. Explores the Puritan origins of American culture, the growth of republican political theory in the Revolution, the impact of democracy on intellectual and cultural endeavor, and the development of transcendentalism as a cultural movement. Prerequisite: junior standing.

HIST 458 – Modern American Thought (3) Explores the main currents of American thought from the Civil War to the present. Pays special attention to the secularization of American thought as expressed in Darwinism and Pragmatism, the development of Progressive social theory, the positivistic and relativistic impact of modernism,
and the fragmentation of intellectual life in the post-war period, and the emergence of post-modern critiques. Prerequisite: junior standing.

HIST 459 – American Victorian Culture (3) Charts the rise, extent, and ultimate eclipse of the "genteeel" American tradition in the period between 1815 and 1890, through an exploration of cultural production, reception and consumption. Prerequisite: junior standing.

HIST 461 – Imagining Life Beyond Earth (3) Examines ideas and beliefs about life beyond Earth as expressed in western culture from the ancient Greeks to the present. Prerequisite: junior standing.

HIST 462 – Hero in Classical Antiquity (3) Considers the evolving concept of the hero in classical antiquity, paying particular attention to the transformation of the heroic ideal during the Hellenistic Age and within Christian communities. Prerequisite: junior standing.

HIST 463 – Ancient Magic (3) Examines the Egyptian, Greek, and Roman concepts of magic, comparing them with medieval and modern Western ones. Prerequisite: junior standing.

HIST 464 – Technology in History (3) Examines the relationship between technologies and societies in history by looking at the place of technology in western civilization, and to a lesser extent, globally since the medieval period. Prerequisite: junior standing.

HIST 465 – Holocaust and History (3) Places the complex developments and events referred to as the Holocaust in the broad context of modern European history. Examines cultural, political and cultural developments in firsthand accounts in classic and contemporary scholarship, and in novels. Prerequisite: junior standing.

HIST 466 – Espionage and the Cold War (3) Examines the dynamics of espionage activity in Europe from the Nazi era to the end of the Cold War. The focus is on why and how Nazi, Soviet and Western intelligence agencies gathered information about each other as well as on ideological, political, economic, and logistical dimensions of reconnaissance work during the period. Prerequisite: junior standing.

HIST 467 – Japanese History Thru Manga (3) Uses Manga and Anime along with Classical Japanese Literature to explore Japanese history. Prerequisite: junior standing.

HIST 468 – Japanes History Thru Manga (3) Uses Manga and Anime along with Classical Japanese Literature to explore Japanese history. Prerequisite: junior standing.

HIST 469 – Ideas & Culture in Modern Europe (3) Introduces students to the main aspects of Modern European Intellectual History from the Enlightenment to the present. Prerequisite: junior standing.

HIST 470 – African Environmental History (3) Historical examination of Africa's diverse human and natural environments. Considers interactions between human and natural worlds with issues such as urbanization, agricultural strategies, deforestation, and the role of the supernatural in African environmental knowledges. Prerequisite: junior standing.

HIST 480 – Senior Seminar in History (3) Capstone course for the History Major. Students design and conduct significant research project and draft significant research paper. History Majors only. Prerequisites: HIST 302 and upper division course in area of seminar focus. Gen Ed: WI credit. Fall and Spring.

HIST 540 – Readings in American History (3) Programs of individual study, designed with the advice of the instructor, on selected topics in American history. May be taken more than once. Prerequisite: senior or graduate standing.
Honors Mathematics Program
33 credit hours required plus Honors Examinations.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>MATH 151 Calculus I (4 credits) OR MATH 141 and MATH 142</td>
</tr>
<tr>
<td></td>
<td>MATH 152 Calculus II (4 credits)</td>
</tr>
<tr>
<td></td>
<td>MATH 253 Multivariate Calculus (4 credits)</td>
</tr>
<tr>
<td></td>
<td>MATH 340 Set Theory and Logic</td>
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<tr>
<td></td>
<td>MATH 375 Linear Algebra I</td>
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<tr>
<td></td>
<td>MATH 423 Modern Algebra I</td>
</tr>
<tr>
<td></td>
<td>MATH 451 Advanced Calculus I</td>
</tr>
<tr>
<td></td>
<td>MATH 498 Independent Study I</td>
</tr>
<tr>
<td></td>
<td>MATH 598 Independent Study II</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credits</th>
<th>Elective Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>One course from the following list to be taken only after the student has completed MATH 340, 375, 423 and 451 or permission of instructor.</td>
</tr>
<tr>
<td></td>
<td>MATH 452 Advanced Calculus II</td>
</tr>
<tr>
<td></td>
<td>MATH 524 Modern Algebra II</td>
</tr>
<tr>
<td></td>
<td>MATH 526 Linear Algebra II</td>
</tr>
</tbody>
</table>

The Honors Examinations
1. Required orals covering primarily work completed by students in the independent study courses, but may also include questions pertaining to work from other courses in the Honors curriculum.

Recommended Coursework Outside the Major
This is entirely dependent upon students’ educational and professional objectives. Students are urged to consult closely with a departmental adviser in such matters.

Special Notes: Students normally enter the Honors Program at the beginning of the junior year. Admission to the program is by application and shall be determined by the Department of Mathematics. The overall cumulative grade point average is expected to be at least 3.0, with a minimum mathematics average of 3.25. Two letters of recommendation also are required, with one of the letters furnished by a mathematics faculty member from whom the student has taken a course.

BA/MA Mathematics Program
It is possible in four years (without overloads) to complete a combined Bachelor of Arts and Master of Arts program in mathematics.

Students who have been highly successful in MATH 340 Set Theory and Logic and MATH 375 Linear Algebra I during the fall semester of their sophomore year are considered as promising candidates for the BA/MA program. The mathematics faculty will recommend these promising candidates to the chair of the Mathematics Department.

Interested candidates should consult with the Department of Mathematics faculty on the details of the program.

Required Courses
In order to complete the four-year B.A./M.A. program in mathematics, all requirements for the B.A. degree and all requirements for the M.A. degree must be completed. Due to the necessity of constructing a mathematics curriculum that considers students’ readiness, maturity and other individual needs, it is vital for candidates to consult with the departmental chair.

Elective Courses
Consult with departmental adviser.

Recommended Coursework Outside the Major
Consult with departmental adviser.

Special Notes
1. Students normally enter the program at the beginning of the junior year. Some students who entered the College with advanced standing credits from high school have been admitted as early as the sophomore year.
2. A student who completes the B.A./M.A. program, including a year of MATH 698 Seminar, shall be deemed to have completed the Honors Mathematics Program.

Admission Requirements
1. Be recommended by the Mathematics Department.
2. Possess a minimum cumulative GPA of 3.0.
3. Possess a minimum mathematics average of 3.25.
4. Be admitted to the graduate school.
5. Possess mathematical maturity and enjoy the study of mathematics (as ascertained by the mathematics faculty).

Mathematics Minor
20 hours required. Closed to Mathematics majors.

The mathematics minor consists of 20 hours of which 14 (required) provide a foundation for further study of mathematics in any direction that suits the student’s interests. Six additional hours (elective) give the student the option to add either depth or breadth to her or his mathematical preparation.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>MATH 151 Calculus I (4 credits) OR MATH 141 and MATH 142</td>
</tr>
<tr>
<td></td>
<td>MATH 152 Calculus II (4 credits)</td>
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<td></td>
<td>MATH 340 Set Theory and Logic</td>
</tr>
<tr>
<td></td>
<td>MATH 375 Linear Algebra I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credits</th>
<th>Elective Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Two upper-division courses, one of which must be a 400-level or higher mathematics course. The second elective may be a mathematics course or (subject to approval by the department) may be an upper division course in which mathematics plays a significant role. Such an elective will, in general, have at least one year of calculus as a prerequisite.</td>
</tr>
</tbody>
</table>

Special Note
The courses required for the mathematics minor must be completed with a minimum grade of 2.0/S and 17 of the 20 hours must be taken for a numerical grade.

3-2 Double Degree Program in Mathematics and Engineering
This program prepares students who have educational and career interests in both mathematics and engineering. The first three years are spent enrolled at SUNY Potsdam, but during the second and third year the student is a part-time student at Clarkson University. The fourth and
fifth years are full-time at Clarkson University. At the end of the fifth year the student receives both a B.A. from SUNY Potsdam in mathematics and a B.S. degree from Clarkson University in the engineering field of his or her choice. See page 63.

First-year students must register for PHYS 103, MATH 151 and CHEM 105 during the first semester in order to take subjects in sequence.

Mathematics Course Descriptions

Courses are offered each semester unless otherwise designated.

MATH 195, 295, 395, 495, 595, 695 – Special Topics (1-12)

MATH 198, 298, 398, 498, 598, 698 – Tutorial (1-3)

MATH 100 – Excursions in Mathematics (3) This is an introduction to mathematics as an exciting and creative discipline. Students will explore recent developments and mathematical ideas that have intrigued humanity for ages. This course does not satisfy the B.A. in Elementary Education mathematics concentration requirement. Prerequisite: two years of high school mathematics. Gen Ed: FM credit. Fall and Spring.

MATH 101 – Mathematics for Elementary Education I (3) Topics in foundations of mathematics include: problem solving strategies, abstract and symbolic representation, numeration and number systems, functions and use of variables. Satisfies one of the mathematics concentration requirements for the B.A. in Elementary Education. Not required for double majors in mathematics and elementary education. Prerequisite: three years of high school Regents level mathematics or permission. Gen Ed: FM credit. Fall and Spring.

MATH 102 – Mathematics for Elementary Education II (3) Topics in Euclidean and non-Euclidean geometry including: shapes in two and three dimensions, symmetry, transformations, tessellations, coordination geometry, measurement. Satisfies one of the mathematics concentration requirements for the B.A. in Elementary Education. Not required for double majors in mathematics and elementary education. Prerequisite: MATH 101. Gen Ed: FM credit. Fall and Spring.


MATH 125 – Probability and Statistics I (3) Elementary probabilistic and descriptive statistical concepts as applied to practical problems from other disciplines and an introduction to methods of statistical inference. Prerequisite: high school algebra or equivalent. Not open to students who have passed another introductory level statistics course (e.g., CIS 125, STAT 100). Gen Ed: FM credit. Fall and Spring.

MATH 126 – Probability and Statistics II (3) Methods of statistical inference, both non-parametric and classical, as applied to problems of interest to a wide range of disciplines. Prerequisite: MATH 125. As warranted.

MATH 130 – Mathematical Origins (3) This course is designed to introduce students to the historical development of mathematics in various cultures. The main focus will be on Ancient Egyptian, Mesopotamian, Chinese, Indian, and Greek cultures. Gen Ed: XC credit. As warranted.

MATH 141 – Integrated calculus, IA (4) First course of a two-semester sequence that provides mathematical background sufficient for study of calculus and integrates it with the study of calculus. Recommended for students who need a stronger preparation or Calculus I. TI-83 or compatible required. Completion of this two-semester sequence is equivalent to the completion of MATH 110 (Precalculus) and MATH 151 (Calculus I). Gen Ed: FM credit.

MATH 142 – Integrated Calculus, IB (4) Second course of a two-semester sequence that provides mathematical background sufficient for study of calculus and integrates it with the study of calculus. Recommended for students who need a stronger preparation for Calculus I. TI-83 or compatible required. Completion of this two-semester sequence is equivalent to the completion of MATH 110 (Precalculus) and MATH 151 (Calculus I). Prerequisite: MATH 141.

MATH 151 – Calculus I (4) Continuity and differentiability of real valued algebraic and trigonometric functions of a single variable, applications and antiderivative. Required for mathematics majors. Prerequisite: three years of high school mathematics or MATH 110. Gen Ed: FM credit. Fall and Spring.

MATH 152 – Calculus II (4) Differentiation of transcendental functions, integration with applications, sequences and series. Required for Mathematics majors. Prerequisite: MATH 151 or 142. Gen Ed: FM credit. Fall and Spring.

MATH 253 – Multivariate Calculus (4) Real vectors in two and three dimensions, relations and functions in several variables. Partial differentiation and iterated integrals. Required for Mathematics majors. Prerequisite: MATH 152. Gen Ed: FM credit. Fall and Spring.


MATH 375 – Linear Algebra I (3) Theoretical development of finite dimensional vector spaces and linear transformations; the relationships among matrices, systems of equations and linear transformations. Required for Mathematics majors. Prerequisites: MATH 152 and 340. Fall and Spring.


MATH 404 – Elements of Geometry (3) Foundations of Euclidean and Non-Euclidean geometry; nature of axiomatic systems; Hilbert’s axioms for plane Euclidean geometry; the geometry of Bolyai-Lobachevsky and transformational geometry. Prerequisite: MATH 340. Fall.

MATH 423 – Modern Algebra I (3) Elementary theory of groups and rings. Required for mathematics majors. Required for Mathematics majors. Prerequisites: MATH 152 and 340. (MATH 375 recommended.) Fall and Spring.

MATH 425 – Applied Combinatorics (3) Basics of combinatorics; basics of graphs, including trees; recurrence relations and applications; other selected topics as time allows. Prerequisite: MATH 340 or CIS 301.

MATH 451 – Advanced Calculus I (3) Sequences, completeness of the Real Numbers, metric spaces, limits and continuity of functions, connectedness, compactness. Prerequisite: MATH 253 and 340. (MATH 375 recommended.) Fall and Spring.

MATH 452 – Advanced Calculus II (3) Integration, spaces of functions, sequences and series. May be used for major elective. Prerequisite: MATH 451. Spring.

MATH 460 – Problem Seminar (3) Students demonstrate mathematical maturity by solving problems selected from different areas of mathematics. Required for mathematics majors. Prerequisites: MATH 375, 423 and 451. Gen Ed: SI credit. Fall and Spring.

MATH 461 – Probability and Mathematical Statistics I (3) Probability, random variables, distributions, stochastic independence, moment generating functions, limit theorems and their applications, estimation. Prerequisite: MATH 253.

MATH 522 – Number Theory (3) Divisibility, simple continued fractions, congruences, diophantine equations and quadratic residues. Prerequisites: MATH 152 and 340. As warranted.

MATH 524 – Modern Algebra II (3) Topics in the theory of groups, rings and fields, such as factorization and Galois theory. May be used for major elective. Prerequisite: MATH 423. (MATH 375 recommended). Spring.

MATH 526 – Linear Algebra II (3) Selected topics: inner product spaces, canonical forms, bilinear and quadratic forms. May be used for major elective. Prerequisites: MATH 375 and permission. Fall.

MATH 540 – Real Analysis (3) Open and closed sets, continuity, separation properties and product spaces. May be used for major elective. Prerequisite: MATH 451. Spring.

MATH 542 – Intro to Algebraic Topology (3) Concept of homotopy, fundamental group, covering spaces, integral homology and cohomology. Prerequisite: MATH 541. As warranted.

MATH 543 – Topics in Topology (3) Topics such as surfaces and manifolds, knot theory, geometry of the hyperbolic plane, dimension theory, geometry in higher
## Modern Languages

**Department of Modern Languages**

**Contact Person:** Oscar Sarmiento, Chair  
228 Morey, 315-267-2034, sarmieod@potsdam.edu

**Professors:** Oscar Sarmiento, Liliana Trevizan  
**Associate Professors:** Gunnar Anderson, Mylène Catel, Lora Lunt, Vilma Manzotti

### Special Notes for Modern Language Majors and Minors

1. There are clear advantages to preparation in more than one modern language for students, particularly those intending to seek teaching certification. Interested students are encouraged to consult with the Chair of the Modern Languages Department at an early state of their program to learn about possibilities for flexibility in earning graduation credits within one area of concentration.

2. The Department of Modern Languages requires a minimum grade of 2.0 in all courses counted toward the major and the minor.

3. The Department encourages language majors to seriously consider taking a term or year of study abroad. Immersion in another language and culture intensifies learning. Many such opportunities are available to non-majors and majors.

**Recommended Coursework Outside the Major**

A major in languages complements and is complemented by many other disciplines. Departmental advisers will help to match course choices with life and career objectives.

**French Major (B.A.)**

30 credit hours required. 

*All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 203 Oral and Written French I</td>
<td>15</td>
</tr>
<tr>
<td>FREN 301 Oral and Written French II</td>
<td></td>
</tr>
<tr>
<td>FREN 315 French Composition</td>
<td></td>
</tr>
<tr>
<td>FREN 325 French Literature and Thought I</td>
<td></td>
</tr>
<tr>
<td>FREN 326 French Literature and Thought II</td>
<td></td>
</tr>
</tbody>
</table>

Plus five courses taken from department list of courses | 15 |

Under departmental advisement, any combination of offerings from the 200-400 levels, at least six credit hours of which must be at the 400 level.

**Spanish Major (B.A.)**

30 credit hours required (36 credits recommended). 

*All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 203 Oral and Written Spanish I</td>
<td>15</td>
</tr>
<tr>
<td>SPAN 204 Oral and Written Spanish II</td>
<td></td>
</tr>
<tr>
<td>SPAN 301 Current Idiomatic Spanish</td>
<td></td>
</tr>
<tr>
<td>SPAN 306 Readings in Hispanic Literature I</td>
<td></td>
</tr>
<tr>
<td>SPAN 308 Readings in Hispanic Literature II</td>
<td></td>
</tr>
</tbody>
</table>

Plus five courses to be taken from the list below | 15 |

A student may take one 300-level course and four 400-level courses or two 300-level and three 400-level courses.

<table>
<thead>
<tr>
<th>Spanish</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 303 Culture of Spain</td>
<td></td>
</tr>
<tr>
<td>SPAN 304 Cultures of Latin America</td>
<td></td>
</tr>
<tr>
<td>SPAN 305 Culture of Hispanics in U.S.A.</td>
<td></td>
</tr>
<tr>
<td>SPAN 461 Literature Seminar I*</td>
<td></td>
</tr>
<tr>
<td>SPAN 462 Literature Seminar II*</td>
<td></td>
</tr>
</tbody>
</table>

*Note: Literature Seminar I and II may be repeated for credit.

**Optional Courses: strongly recommended**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 213 Intermediate Conversation</td>
<td>6</td>
</tr>
<tr>
<td>SPAN 315 Spanish Composition</td>
<td></td>
</tr>
</tbody>
</table>

**Arabic Studies Minor**

18 credit hours required. 

*All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARAB 103 Contemporary Arabic III</td>
<td>18</td>
</tr>
<tr>
<td>ARAB 203 Oral and Written Arabic I</td>
<td></td>
</tr>
<tr>
<td>ARAB 213 Intermediate Conversation</td>
<td></td>
</tr>
<tr>
<td>ARAB 320 Media Arabic</td>
<td></td>
</tr>
<tr>
<td>ARAB 350 North African Literatures &amp; Culture</td>
<td></td>
</tr>
<tr>
<td>ARAB 395 Arabic Across the Curriculum</td>
<td></td>
</tr>
</tbody>
</table>

*Arabic Across the Curriculum is a research course in which students use Arabic sources to pursue a research project of interest, typically in relation to their major discipline. It may be taken as a 3-credit project or a series of smaller 1-credit projects.

**French Studies Minor**

18 credit hours required. Closed to French majors.

The French Studies minor is a general program open to all students with an elementary knowledge of French. This minor permits students to attest to their successful completion of a formal and coherent program of study in French letters and culture which stops short of the work required for a major in French yet indicates functional competency. The French Studies minor is intended to serve several purposes depending on the exact pattern of courses drawn up by each student and his or her adviser. Thus, the minor may provide grounding for further study in the discipline; it may fulfill graduate school requirements for study in other disciplines; it may recognize progress in the language made through study abroad; it may provide a practical tool for use in many work environments; or it may form one element of a broadly based liberal arts general education.
Spanish Studies Minor
18 credit hours required. Closed to Spanish majors.

The Spanish minor provides students with Spanish language courses in conversation, grammar review and culture. It provides a career-oriented approach to language learning that complements majors in other disciplines. It also provides students with enough language background so that they will be able to comprehend and speak the language using correct pronunciation and grammar, and have an understanding of Hispanic culture.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 203</td>
<td>Oral and Written French I</td>
<td>3</td>
</tr>
<tr>
<td>FREN 202</td>
<td>French for Business</td>
<td>3</td>
</tr>
<tr>
<td>FREN 213</td>
<td>Intermediate Conversation</td>
<td>3</td>
</tr>
<tr>
<td>FREN 220</td>
<td>French Phonetics and Diction</td>
<td>3</td>
</tr>
<tr>
<td>FREN 325</td>
<td>French Literature and Thought I</td>
<td>3</td>
</tr>
<tr>
<td>FREN 326</td>
<td>French Literature and Thought II</td>
<td>3</td>
</tr>
</tbody>
</table>

Two of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 301</td>
<td>Oral and Written French II</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 303</td>
<td>Contemporary France</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 304</td>
<td>Contemporary Quebec</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 305</td>
<td>Authentic Voices and Images from West Africa</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 315</td>
<td>French Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 325</td>
<td>French Literature and Thought I</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 326</td>
<td>French Literature and Thought II</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 350</td>
<td>North African Literatures and Cultures</td>
<td>3</td>
</tr>
<tr>
<td>FREN 410</td>
<td>French Translation</td>
<td>3</td>
</tr>
<tr>
<td>FREN 450</td>
<td>The Image of Women in Francophone Cinemas</td>
<td>3</td>
</tr>
<tr>
<td>FREN 461</td>
<td>French Literature I: Origins-1700</td>
<td>3</td>
</tr>
<tr>
<td>FREN 462</td>
<td>French Literature II: 1700-present</td>
<td>3</td>
</tr>
<tr>
<td>FREN 483</td>
<td>Structure of the French Language</td>
<td>3</td>
</tr>
<tr>
<td>FREN 495</td>
<td>Special Topics</td>
<td>3</td>
</tr>
</tbody>
</table>

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<tbody>
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<td>Intermediate Conversation</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 306</td>
<td>Readings in Hispanic Literature I</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 308</td>
<td>Readings in Hispanic Literature II</td>
<td>3</td>
</tr>
</tbody>
</table>

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<td>Contemporary France</td>
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</tr>
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<td>SPAN 304</td>
<td>Contemporary Quebec</td>
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<td>SPAN 305</td>
<td>Authentic Voices and Images from West Africa</td>
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<tr>
<td>FREN 483</td>
<td>Structure of the French Language</td>
<td>3</td>
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<tr>
<td>FREN 495</td>
<td>Special Topics</td>
<td>3</td>
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</tbody>
</table>

Modern Language Course Descriptions

Courses are offered each semester unless otherwise designated.

195, 295, 395, 495 – Special Topics (1-12)
198, 298, 398, 498 – Tutorial (1-3)

Arabic

ARAB 101 – Modern Standard Arabic I (3) An introduction to speaking modern standard Arabic, to reading and writing Arabic script, and to Arab culture.

ARAB 102 – Contemporary Arabic II (3) Sequel to ARAB 101. Emphasis on the four communication skills, reading, listening, writing and speaking. Regular language practice in cultural context. Prerequisite: ARAB 101.

ARAB 103 – Contemporary Arabic III (3) Arabic 103 is a sequel to Arabic 102. Students will develop their four communication skills: listening, speaking, reading and writing, while being immersed in a cultural context, and using a modified version of Modern Standard Arabic (closer to the spoken language). This course will emphasize proficiency in communication on topics from everyday life and will foster reading ability of both classical and contemporary texts. The course features interactive methodologies, Arab music, art, and films dealing with contemporary issues. Participation is expected and different perspectives are emphasized. Gen Ed: ML credit.

ARAB 203 – Oral & Written Arabic I (3) This course focuses on expressing yourself; telling about your experiences, expressing opinions and wishes, presenting persuasive speeches. Social roles will be practiced and many cultural topics will be discussed. Grammar will be systematically reviewed. Since class preparation will regularly entail written expression, the emphasis in class will be on oral expression.

ARAB 213 – Intermediate Conversation (3) This course will offer opportunities for students to increase fluency and confidence in speaking, and to gain cultural understanding and cross-cultural competency. Communication will focus upon exploring needs, feelings, opinions and problems and plans. Gen Ed: ML credit.

ARAB 320 – Media Arabic (3) This course concentrates on newspaper Arabic. Modern Standard Arabic is used for all journalistic purposes, regardless of the country of publication. Due to the formal nature of the language of the media, certain fixed phrases and set expressions occur and reoccur many times, expressions which are not used in everyday colloquial speech. This course systematically presents these formulaic expressions, rhetorical devices and appropriate vocabulary in an authentic context. The textbook will be used in conjunction with ancillary material gleaned from Arabic language newspapers and magazines. Students will prepare translation exercises on a daily basis, and will keep a scrapbook journal of news clippings gleaned from the Internet with a running list of new lexical items, an item critical to the development of newspaper Arabic Skills.


Cultures and Literatures

LANG 292 – Languages, Cultures, Differences (3) This course examines the phenomena created by the intermingling of Hispanic/Latino and American cultures, and the intersection of English and Spanish. Students will scrutinize films, videos, magazines and also canonical pieces of literature to understand layers of differences (gender, race, ethnicity, and others) operating between and within Hispanic and American cultures. Globalization has forced us to understand cultural differences as a significant quest of ethical value for contemporary society. Participation is expected and different perspectives are emphasized. Gen Ed: XC credit. Fall and Spring.

LANG 296 – European Languages & Cultures: The French Case (3) This course presents the cultural and linguistic characteristics of contemporary France. French society will be studied as a nation forged by a diversity of cultures. The focus will be placed upon both the economic and political integration and development of such diverse cultures and also their resistance to such integration. France, as a European nation, will be identified as a nation struggling with attractive poles; homogeneity and heterogeneity. Gen Ed: WC credit. Fall.
LITT 305 – Authentic Images and Voices from West Africa (3) Introduction to the main elements of West African civilizations, more precisely, those of Senegal, Mali, Burkina Faso, Ivory Coast, Benin and Cameroon. Examination of the role of French colonization upon African consciousness. Significance of West African Languages and cultures in West Africa and in France. Attention will be given to the past and future of languages focusing upon “for whom do we write, sing, and film, and in which language?” As warranted.

LITT 350 – North African Literatures and Cultures (3) Introduction to the paradigm of plurality in the cultures of North Africa and to its determining role in the media tion, reinterpretation and transmission of culture between East and West, North and South. Historical, literary and cultural perspectives for understanding contemporary North African voices expressed in fiction, folklore, poetry, and film. As warranted.

LITT 450 – The Image of Women in Francophone Cinemas (3) This course examines the image of women in Francophone cinemas. Films and excerpts from texts that have shaped Film Theory and Feminist Criticism in the visual arts will constitute the basic material of the course. Prerequisite: FREN 325 or 326. As warranted.

French

FREN 101 – Contemporary French Language I (3) Emphasis on spoken language. Designed for students with no prior study of French. Fall and Spring.

FREN 102 – Contemporary French Language II (3) Sequel to FREN 101. Fundamentals of reading French stressed in addition to speaking and listening. Prerequisite: FREN 101. Fall and Spring.

FREN 103 – Contemporary French Language III (3) Sequel to FREN 102 and entry-level course for students with prior study of French. Emphasis on basic grammatical concepts and reading techniques. Prerequisite: FREN 102. Gen Ed: ML credit. Fall and Spring.


FREN 203 – Oral and Written French I (3) Initial course in major sequence. Emphasis on expanding vocabulary, learning to write correctly in French and review of grammar. Prerequisite: FREN 103 or four years of high school French. Gen Ed: ML credit. Fall.

FREN 213 – Intermediate Conversation (3) Designed to increase fluency. Emphasis on comprehension of spoken French and developing strategies for conversation. Prerequisite: FREN 103 or four years of high school French. Gen Ed: ML credit. Spring.

FREN 220 – French Phonetics and Diction (3) Detailed analysis of the sound system of French, combined with extensive oral performance practice. Prerequisite: FREN 103 or three years of high school French, or permission. Gen Ed: ML credit. Spring, even years.

FREN 301 – Oral and Written French II (3) Advanced grammar and syntax in francophone cultural contexts. Sequel to FREN 203. Prerequisite: FREN 203. Spring.

FREN 303 – Contemporary France (3) Evolution of French nation. Attention to social structures, ideas and attitudes. Prerequisite: FREN 203. Every fourth semester.

FREN 304 – Contemporary Quebec (3) Evolution of New France into modern Province of Quebec. Emphasis on period since the Quiet Revolution. Attention to current social structures, ideas and attitudes, linguistic features and cultural achievements, as well as to Quebec’s relations with France, English Canada and the United States. Prerequisite: FREN 203. Every fourth semester.

FREN 305 – Authentic Voices and Images from West Africa (3) Examination of the salient features of the evolution of francophone West African civilizations. Study and appreciation of West African cultural expressions. Prerequisite: FREN 203. Every fourth semester.

FREN 315 – French Composition (3) Builds proficiency in use of written French. Correspondence and original expression through intensive short text reading and writing. Prerequisites: FREN 203 and 301. Spring.


FREN 326 – French Literature and Thought II (3) Principal writers, genres and schools from modern day to 1960. Methods in modern literary criticism. Emphasis on the study of literary genres. Prerequisite: FREN 203 and 301. Fall.

FREN 350 – North African Literatures and Cultures (3) Examination of “plurality” in Maghrebine cultures. Exploration of the historical, literary and culture perspectives. Prerequisite: FREN 203 and 301. Every fourth semester.

FREN 410 – French Translation (3) Varieties of written and spoken French at theoretical level. Applications in technology, business, politics, economics and others. Prerequisite: FREN 315. Even years.


FREN 461 – French Literature I: Origins - 1700 (3) Authors from Middle Ages, 16th and 17th centuries. Specific topics and readings determined each semester. Prerequisites: FREN 315, 325, or 326. Even years.

FREN 462 – French Literature II: 1700 – Present (3-9) Authors from 18th, 19th, and 20th centuries. Specific topics and readings determined each semester. Prerequisites: FREN 315, 325, or 326. Even years.

FREN 483 – Structure of the French Language (3) Development from Latin to modern vernacular. Analysis of contemporary language using linguistic concepts. Prerequisites: FREN 203 and 301. As warranted.

Spanish

SPAN 101 – Contemporary Spanish Language I (3) Spanish language and culture. Emphasis on spoken language. Designed for students with no prior study of Spanish. Fall and Spring.

SPAN 102 – Contemporary Spanish Language II (3) Sequel to SPAN 101. Emphasis on listening comprehension, speaking, reading and writing. Prerequisite: SPAN 101. Fall and Spring.

SPAN 103 – Contemporary Spanish Language III (3) Sequel to SPAN 102. Emphasis on basic grammatical concepts and reading techniques. Prerequisite: SPAN 102. Gen Ed: ML credit. Fall and Spring.


SPAN 204 – Oral and Written Spanish II (3) Continuation of SPAN 203. Prerequisite: SPAN 203. Gen Ed: ML credit. Fall and Spring.

SPAN 213 – Intermediate Conversation (3) Extensive practice in oral Spanish to develop listening comprehension, speaking and vocabulary. Prerequisite: SPAN 203. Gen Ed: ML credit. Spring, even years.

SPAN 301 – Current Idiomantic Spanish (3) Advanced grammar and syntax and composition. Vocabulary building. Prerequisite: SPAN 204. Fall.

SPAN 303 – Culture of Spain (3) Cultural history of Spain, from Roman era to present. Prerequisite: SPAN 204. Spring, even years.

SPAN 304 – Cultures of Latin America (3) Cultural history of Latin American, From Spanish conquest to present. Prerequisite: SPAN 204. Fall.

SPAN 305 – Culture of Hispanics in U.S.A. (3) Cultural background, history and literature of the Spanish-speaking population of the United States. Prerequisite: SPAN 204. Spring, even years.

SPAN 306 – Readings in Hispanic Literature I (3) Readings and analysis of Spanish and/or Latin American literature. Focus on the four genres, including poetry and drama. Prerequisites: SPAN 203 and 204. Fall.

SPAN 308 – Readings in Hispanic Literature II (3) Basic principles of literary analysis through contemporary Spanish and/or Latin American literature. Focus on narrative: short stories, a novela, significant authors. Emphasis on building a sophisticated vocabulary in the field. Prerequisites: SPAN 203 and 204.
SPAN 315 – Spanish Composition (3) Extensive practice with written Spanish. Prerequisite: SPAN 301. Spring.

SPAN 461 – Literature Seminar I (3-6) May be repeated for credit. Topics selected from different periods in Spanish, Latin American or Hispanic literature. Prerequisites: SPAN 306 and 308. Recent offerings: “Afro-Caribbean Movement: La Negritud,” “Poetry Translation(s),” Fall and Spring.

SPAN 462 – Literature Seminar II (3-6) May be repeated for credit. Topics selected from different periods in Spanish, Latin American or Hispanic literature. Prerequisites: SPAN 306 and 308. Recent offerings: “Border Crossings,” “Spanish Romanticism.” Spring. Gen Ed: WI credit.

Other Languages

CHIN 101 – Contemporary Chinese I (3) This course is designed to introduce you to the basic linguistic elements of the Chinese language (mandarin) and help you understand and appreciate the Chinese culture. The first part of the course will teach you how to greet people, identify yourself, others and things, and how to compare. You will also start learning about writing, using traditional simplified Chinese characters. In the second part of the course, you will learn how to talk about yourself, and how to express your likes and dislikes. You will be able to read and write simple sentences. Every fourth semester.

CHIN 102 – Contemporary Chinese II (3) This is a sequel to Chinese 101. It is an elementary course designed for non-native Chinese speakers. It helps students to develop further communicative skills in Chinese. Speaking, listening, reading, and writing skills will be continuously improved and enhanced. Students will learn how to type Chinese text using pinyin input method. This course will also help students develop a further understanding of Chinese culture and society. Prerequisite CHIN 101. Every fourth semester.

CHIN 103 – Contemporary Chinese III (3) This is the third part of the elementary Chinese course. The course is designed for non-native Chinese speakers who have completed Chinese 101 and 102. In this course, students will learn to build vocabulary and sentence patterns in communicative contexts, and build a solid foundation in pronunciation. Students will expand their abilities to carry out simple conversations in Chinese on a limited range of topics. Reading and writing, simplified form, will be expected to speak, read, and write all new words that appear in the textbook vocabulary lists. This course will also lead students to deeper understanding of Chinese culture and society. Prerequisite CHIN 102. Gen Ed: ML credit. Every fourth semester.

ESL 190 – Conversational English (1-3) This course assists speakers of English as a foreign language with areas where they need improvement in order to succeed at the university level, including listening comprehension, speaking, reading, grammatical structures, and cultural understanding, with possibilities for individualized help in areas of special needs. Spring

ESL 497 – Teaching English Practicum: Conversation Partners Program (3) Teaching ESL Practicum is a Service Learning course offering the opportunity to help international students adjust to social life in the U.S. and improve their English proficiency and their understanding of American culture. The course helps American students to understand another society and culture, gain an international perspective and experience, build cross-cultural competency, prepare to live in a multicultural world or teach in a multicultural classroom. This linguistic and cultural exchange makes students more sensitive to language, offering opportunities to improve their English while also learning about their own culture and that of their partners.

GERM 101 – Contemporary German Language (3) 1. Encounter the German language as spoken and written currently. 2. Encounter the German national culture (i.e., the facts of collective society in Germany), and other cultures of the German-speaking world as existing currently. 3. Examine a restricted body of German linguistic and cultural data: sounds, words, language and behavior structures, symbol systems. 4. Practice manipulating these data to communicate in speech (talking and listening) and writing (composing and reading). As warranted.

GREK 101 – Intro to Classical Greek (3) Introduction to the study of ancient Greek language. Intended for beginning students. As warranted.

ITAL 101 – Contemporary Italian Language I (3) This course emphasizes spoken Italian and will concentrate on acquisition of an authentic accent. Extensive listening comprehension drills are a regular feature of the class. Italian language video clips and comic strips will provide variety and will serve as meaningful complements to the basic text. As warranted.

ITAL 102 – Contemporary Italian Language II (3) Sequel to ITAL 101. This course emphasizes spoken Italian and will concentrate on acquisition of an authentic accent. Extensive listening comprehension drills are a regular feature of the class. Italian language video clips and comic strips will provide variety and will serve as meaningful complements to the basic text. Prerequisite: ITAL 101.

LATN 101 – Elementary College Latin 1 (3) Introduction to Latin. Students will learn to read classical Latin passages, many of which will be from authentic Roman writers of the Golden Age of Latin literature. The selections will be a medium by which historical events and social aspects of the period can be examined. The course will introduce the basics of Latin grammar and its influence on the development of the Romance languages. Students will come to appreciate how Latin is alive and well in the extensive etymological roots of English vocabulary. Some time will be spent on deciphering ancient inscriptions as well as recognizing mottos and other uses of Latin in our society. Students will use Sharpley’s Beginner’s Latin text (from the Teach Yourself Language series) with audio cassettes and also Unit I of the Cambridge Latin Course. Every fourth semester.

LATN 102 – Elementary College Latin 2 (3) This course will build upon the bases of the Latin language learned in Latin 101 and introduce further grammatical constructions such as indirect statements and questions, the passive voice, relative pronouns, the subjunctive and other syntactical constructions necessary for developing a reading knowledge of Latin. The cultural content will focus on Britain and Alexandria during the first century A.D. during the Pax Romana. Students will examine, through readings with a rural Romano-British background and a cosmopolitan Alexandrian setting, the various provincial aspects of Roman life of both the conquered and the conquerors in various social and economic positions. Relevant study of some archeology, epigraphy, and historical events from this time period will be incorporated, as well as other influences of the Romans and the Latin language upon our cultural heritage. Prerequisite: LATN 101. Spring.

LATN 103 – Elementary College Latin III (3) Latin 103 is designed to be the culminating course in the introductory exploration of the Latin language. It will build on the grammar and vocabulary mastered in Latin 101 and 102 and extend these basic concepts with further work from Wheelock’s Latin Grammar online. The focus will be on developing strategies for handling a variety of sight passages for comprehension and translation that might be used to demonstrate a “reading knowledge of Latin” as part of a graduate program in classical archaeology, anthropology or art. Background information on Roman culture and civilization will continue to be incorporated to enhance understanding of the literature being examined. Prerequisite: LATN 102. Gen Ed: ML credit. Every fourth semester.

MOHK 101 – Mohawk Language I (3) Fundamental elements of spoken and written Mohawk, integrating the language with the culture. Every fourth semester.

MOHK 102 – Mohawk Language II (3) Sequel to MOHK 101. Emphasis on spoken language with practice reading and writing Mohawk. Prerequisite: MOHK 101. Every fourth semester.

MOHK 103 – Mohawk III (3) Sequel to MOHK 102. Emphasis on spoken language with practice reading and writing Mohawk. Prerequisite: MOHK 102. Gen Ed: ML credit. Every fourth semester.
Department of Philosophy

Contact Person: David Curry, Chair
204 Morey, 315-267-2021, currydc@potsdam.edu

SUNY Distinguished Teaching Professor: Joseph J. DiGiovanna
Professors: David C.K. Curry, Philip Tartaglia
Assistant Professor: Timothy Murphy
Instructors: Mark Munroe, Matt LaVine

Philosophy Major (B.A.)
30 credit hours required.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Required Courses</th>
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<tbody>
<tr>
<td>18</td>
<td>Logic: one of the following</td>
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<tr>
<td></td>
<td>PHIL 110 Introduction to Logic</td>
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<td>PHIL 210 Introduction to Symbolic Logic</td>
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<td>Ethics: one of the following</td>
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<td>PHIL 120 Introduction to Ethics</td>
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<td>PHIL 328 Issues in Ethical Theory</td>
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<td>History of Philosophy: two of the following*</td>
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<tr>
<td>PHIL 322 Ancient Philosophy</td>
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<td>PHIL 323 Medieval Philosophy</td>
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<td>PHIL 324 Modern Philosophy</td>
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<td>PHIL 325 Nineteenth Century Philosophy</td>
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<tr>
<td>PHIL 440 Twentieth Century Analytic Philosophy</td>
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</table>
*PHIL 387 Selected Philosophers or PHIL 395 Special Topics in Philosophy may be substituted for one of the history courses, when appropriate, as determined by the department.

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<tr>
<th>Credits</th>
<th>Other Fundamental Courses: one of the following</th>
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<tr>
<td></td>
<td>PHIL 350 Philosophy of Science</td>
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<td>PHIL 380 Philosophy of Mind</td>
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<td>PHIL 454 Theory of Knowledge</td>
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<td>PHIL 465 Metaphysics</td>
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<tr>
<td>Seminar</td>
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<tr>
<td>PHIL 475 Seminar in Philosophy</td>
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<tr>
<th>Credits</th>
<th>Elective Courses</th>
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<td>12</td>
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Notes
1. A minimum of 15 credit hours of the major must be taken at the 300-400 level.
2. Students must earn a minimum grade of 2.0 in all courses counted toward the major.

Philosophy Honors Program
36 credit hours required.

The Honors Program in Philosophy is designed to allow students a more rigorous introduction to the discipline than the normal major. It is particularly designed to better prepare students who plan to enter graduate programs in philosophy, law, political science, psychology or other related fields of study. Students will be exposed to a more rigorous set of course requirements, and will write and orally defend a thesis written under advisement of a faculty mentor. Students will thus be better prepared for graduate study in terms of content, and in terms of the discipline and skills needed to thrive in graduate school. They will gain a more in depth understanding of the progression of philosophy by engaging in active philosophical research of contemporary significance.

Eligibility
1. Philosophy majors with six credit hours in philosophy completed at SUNY Potsdam (or other acceptable institution, to be determined by the faculty);
2. 3.5 cumulative GPA in philosophy;
3. 3.25 cumulative degree GPA;
4. 3.0 minimum grade in all philosophy courses to be applied to major;
5. Submit application at least three semesters before graduation.

Requirements
Senior Thesis and Oral Defense

Thesis will be written as part of a year-long intensive research project on a topic to be approved by the full faculty of the department and which is of interest to both the student and at least one faculty mentor. The mentor and student will devise a course of study (effectively, design a tutorial) and present the fruits of their research, in the form of an essay, to the department as a whole for approval. An oral defense for the thesis will be required before three members of the faculty to be chosen by the student and mentor. The thesis is to be presented to the faculty by mid-semester of the second semester of the senior year.

Students who fail to pass their thesis exam but who complete all coursework for the honors program will be granted a standard major in philosophy.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Required Coursework</th>
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<tbody>
<tr>
<td>27</td>
<td>PHIL 210 Introduction to Symbolic Logic* OR</td>
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<td></td>
<td>PHIL 217 Language and Symbolic Logic</td>
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<td></td>
<td>PHIL 322 Ancient Philosophy</td>
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<td>PHIL 324 Modern Philosophy</td>
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<td>PHIL 328 Issues in Ethical Theory</td>
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<td>PHIL 440 Twentieth Century Analytic Philosophy OR</td>
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<td></td>
<td>PHIL 355 Philosophy of Language</td>
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<td>PHIL 454 Theory of Knowledge</td>
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<td>PHIL 465 Metaphysics</td>
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<td></td>
<td>PHIL 480 Honors Thesis Research I (2 credits)</td>
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<td></td>
<td>PHIL 481 Honors Thesis Research II (1 credit)</td>
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<td></td>
<td>PHIL 387 Selected Philosophers OR</td>
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<td>PHIL 475 Seminar in Philosophy</td>
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</table>

*It is highly recommended that students also take PHIL 110 Introduction to Logic.

Electives: three of the following

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<thead>
<tr>
<th>Credits</th>
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<tr>
<td>9</td>
<td>PHIL 320 Aesthetics</td>
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<td></td>
<td>PHIL 323 Medieval Philosophy</td>
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<td></td>
<td>PHIL 325 Nineteenth Century Philosophy</td>
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<td>PHIL 350 Philosophy of Science</td>
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<td>PHIL 359 Philosophy of Religion</td>
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<td></td>
<td>PHIL 370 Social and Political Philosophy</td>
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<td>PHIL 380 Philosophy of Mind</td>
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### Philosophy Minor

**18 credit hours required. Closed to Philosophy majors.**

The philosophy minor permits students majoring in other disciplines to (1) pursue in a systematic way their personal interests and concerns with philosophical questions, or (2) deepen their understanding of their discipline in regard to its philosophical foundations, its methodology, and its normative assumptions and implications through an integrated course of study tailored to their major program.

*All courses are 3 credits unless noted. Credits are divided as follows.*

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<thead>
<tr>
<th>Credits</th>
<th>Required Courses</th>
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<tbody>
<tr>
<td>9</td>
<td>One of the following:</td>
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<tr>
<td></td>
<td>PHIL 100 – Introduction to Philosophy</td>
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<td>PHIL 105 – Human Nature</td>
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<td>One of the following:</td>
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<td></td>
<td>PHIL 322 – Ancient Philosophy</td>
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<td></td>
<td>PHIL 323 – Medieval Philosophy</td>
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<td></td>
<td>PHIL 324 – Modern Philosophy</td>
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<td>PHIL 325 – Nineteenth Century Philosophy</td>
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<td></td>
<td>PHIL 440 – Twentieth Century Analytic Philosophy</td>
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<tr>
<td>9</td>
<td>Elective Courses</td>
</tr>
</tbody>
</table>

| PHIL 120 – Introduction to Ethics (3) Nature of judgments or moral value and possible means of justifying them. Gen Ed: PI credit; some sections FC. |
| PHIL 210 – Introduction to Symbolic Logic (3) Techniques of modern logic, theory and practice. |
| PHIL 217 – Language and Symbolic Logic (3) Relation of language, logic and theory of logical analysis; axiomatic development of elementary logic system; consistency, completeness and independence. |
| PHIL 314 – Contemporary Moral Issues (3 or 4) Selected moral issues confronting persons living in contemporary society and philosophical bases for alternative solutions to those problems. Gen Ed: PI credit. |
| PHIL 320 – Aesthetics (3) Philosophy of fine arts; meaning and nature of arts. Relationship between art and emotion. Gen Ed: PI credit. |
| PHIL 322 – Ancient Philosophy (3) Philosophical thought from early manifestations in ancient Greece to opening of Middle Ages. Gen Ed: PI and WC credit. |
| PHIL 323 – Medieval Philosophy (3) Development of Western Medieval thought beginning with Augustine. Emphasis on most influential figures, especially Augustine and Aquinas. Prerequisite: PHIL 322 Gen Ed: WC credit. |
| PHIL 324 – Modern Philosophy (3) Major lines of philosophical thought from Renaissance through Kant. Prerequisite: one course in philosophy. Gen Ed: PI credit. |
| PHIL 325 – 19th Century Philosophy (3) This course is designed to trace the historical development of Continental thought from Kant to Kierkegaard and Nietzsche, focusing on the most influential figures of the period. Prerequisite: 2 courses in philosophy. |
| PHIL 328 – Issues in Ethical Theory (3) Essentially concerned with the nature, status and justification of morality and the moral life. Prerequisite: one course in philosophy. |
| PHIL 329 – Business Ethics (3) Analysis and evaluation of ethical issues in current business practices. |
| PHIL 330 – Environmental Ethics (3) The basic task of environmental ethics is to present and defend a comprehensive and reasoned account of the moral relations between human beings and their natural environment. This course surveys several opposing theories, examines their application to controversial issues and explores their moral and practical implications. Gen Ed: PI credit. |
| PHIL 332 – Philosophy of Law (3) Survey of Philosophy of Law from foundations in stoicism up to and including contemporary schools of thought. Philosophy of Law is concerned with the formulation of concepts and theories to aid in the understanding of the nature of law, its sources, authority and role in society. |
| PHIL 333 – Philosophy of Justice (3) The philosopher’s interest in punishment is mainly connected with questions of justification. It is, prima facie, wrong to deliberately inflict suffering or deprivation on another person, yet punishment consists in doing precisely this. What conditions, the philosopher asks, would justify it? Or, more generally, what kind of consideration would count toward a justification. |
| PHIL 335 – American Philosophy (3) A survey of the pragmatism of Pierce, James, and Dewey. Gen Ed: PI credit. |
| PHIL 350 – Philosophy of Science (3) Analysis of concepts and methods of natural sciences. Prerequisites: two courses in philosophy, science major or permission. Gen Ed: PI credit. |
| PHIL 352 – Philosophy of the Social Sciences (3) Analysis of concepts and methods of social sciences. Prerequisites: two courses in philosophy, social sciences major or permission. Gen Ed: PI credit. |
| PHIL 355 – Philosophy of Language (3) Problems that arise in analysis of language, including contemporary problems in linguistics (syntax and semantics). |

**Notes**

1. A minimum of nine credit hours of the minor must be taken at the 300-400 level.
2. Students must earn a minimum grade of 2.0 in all courses counted toward the minor.

### Philosophy Course Descriptions

Required courses are taught on a regular rotation. See Chair.

**PHIL 195, 295, 395, 495 – Special Topics (1-12)**

**PHIL 198, 298, 398, 498 – Tutorial (1-3)**

**PHIL 100 – Introduction to Philosophy (3 or 4) Exploration of subject matter, problems, methods and aims of philosophy. Specific content determined by instructor. Gen Ed: PI credit; some sections FC. Fall and Spring.**

**PHIL 102 – Philosophy of the Liberal Arts (3) This course examines arguments for and against the traditional humanist disciplines. Defenders of the humanities argue that studying philosophy, art, literature, culture and history can improve student’s abilities to think critically about moral issues, interact fruitfully with people from other cultures, fulfill their obligations as citizens and live meaningful and fulfilling lives. In this class we will critically examine these claims. Understanding these arguments will require careful engagement with a number of fundamental philosophical questions regarding the nature of morality, the relationship between values and culture, the possibility of objective judgments in aesthetics and ethics, and the standards by which to judge whether one’s life is or is not meaningful. We will explore these questions through careful reading of classic and contemporary philosophical work. Gen Ed: PI & FC credit.**

**PHIL 105 – Human Nature (3) Influential views about nature of humans. Focus on nature of world and moral responsibility. Gen Ed: PI & FC credit.**

**PHIL 110 – Introduction to Logic (3 or 4) Methods and principles of correct reasoning. Development of good critical thinking habits, an introduction to logic. Gen Ed: PI & FC credit.**
PHIL 358 – Philosophy and World Religions (3) Introduces the basic doctrines of the major religions of the world through a consideration of the ways in which those doctrines influence the answers that adherents of these religions give to basic philosophical questions.

PHIL 359 – Philosophy of Religion (3) Nature of religion and religious belief. Arguments for existence of God; religious experience; criticism of theism, faith, religion and science; and alternatives to theism. Either PHIL 359 or PHIL 360, but not both, may count towards the major or the minor. Gen Ed: PI credit.

PHIL 360 – Does God Exist? (3) Examines a number of the better known arguments for and against the existence of God. Either PHIL 359 or PHIL 360, but not both, may count towards the major or the minor.


PHIL 372 – Feminism and Philosophy (3) An examination of the classical roots of several feminist theories and the major differences among feminist theories; a critical evaluation of feminist thought and its application to social and political institutions and contemporary moral issues. Prerequisite: one philosophy course.

PHIL 373 – Metaphor (3) Discussion of a variety of issues relating to the meaning and functions of metaphor in ordinary language, philosophy and poetry.

PHIL 375 – Symbol and Myth (3) Symbols, myth and metaphor. Emphasis on ways of approaching and understanding them.

PHIL 380 – Philosophy of Mind (3) Concepts of mind and of central problems related to study of mind. Prerequisite: two courses in philosophy.

PHIL 382 – Philosophical Ideas in Literature (3) Trends of thought in selected pieces of literature that raise significant philosophical problems, especially problems of identity, community and ethical ambiguity.

PHIL 383 – Non-Western Philosophy (3) Selected systems of non-western philosophy.

PHIL 387 – Selected Philosophers (3)

PHIL 400 – Twentieth Century Analytic Philosophy (3) Recent British and American philosophy that approaches philosophical problems through logical and linguistic analysis. Prerequisite: two courses in philosophy.

PHIL 454 – Theory of Knowledge (3) Theories about the kinds of knowledge, how knowledge is acquired and evaluation of claims to knowledge. Prerequisite: two courses in philosophy. Gen Ed: PI credit.

PHIL 465 – Metaphysics (3) Problems of metaphysics; freedom and determinism, fate, time and becoming, and God. Prerequisite: two courses in philosophy.

PHIL 475 – Seminar in Philosophy (3) The Philosophy Seminar will take a specific topic or philosopher’s work and pursue it in a rigorous manner modeled on graduate level seminars in philosophy. The focus will be on tackling original material, both primary and secondary, central to the topic or theme of the seminar. Prerequisite: junior or senior standing and three courses in philosophy.

PHIL 480 – Honors Thesis Research I (2) Initiation of senior thesis research for departmental Honors student under the direction of a faculty mentor. To be taken as a second semester junior or first semester senior. Prerequisite: Acceptance into Departmental Honors Program and permission of instructor.

PHIL 481 – Honors Thesis Research II (1) Completion of senior thesis research culminating in the presentation of a senior thesis to the faculty of the department by mid-semester of the student’s ultimate semester. Prerequisite: PHIL 480.
Physics Minor
19 credit hours required. Closed to Physics majors.

The physics minor curriculum will develop competence in fundamental areas of classical and modern physics and is designed for students majoring in such as, mathematics, chemistry, biochemistry, geology, biology, and computer science. Students majoring in these areas are strongly encouraged to consider to be a physics minor.

All courses are 4 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PHYS 103</td>
<td>University Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 104</td>
<td>University Physics II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 205</td>
<td>University Physics III</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 306</td>
<td>Modern Physics</td>
<td>4</td>
</tr>
</tbody>
</table>

Upper-division Physics Elective
Level 350 or above, excluding PHYS 440

3-2 Double Degree Program in Physics and Engineering

This program of studies is recommended for students who have educational and career interests in any engineering field of study including electrical, mechanical, aeronautical, civil or chemical engineering with a strong physics background in mind.

The first three years are spent enrolled at SUNY Potsdam, but during the second and third years the student is a part-time student at Clarkson University. The students in their fourth and fifth years are full-time at Clarkson University. At the end of the fifth year, the student receives both a B.A. in physics from SUNY Potsdam and a B.S. degree from Clarkson University in the engineering field of choice made by the student. See page 63 for more details.

First-year students must register for MATH 151, PHYS 103, and a General Education FW or FS course during the first semester in order to take subjects in sequence.

Physics Course Descriptions

Note about frequency of course offerings: Physical Science is offered each term while the introductory sequences of College and University Physics are offered yearly. Some upper division course are offered yearly; others at intervals of more than a year or “As warranted.”

PHYS 195, 295, 395, 495 – Special Topics (1-12)
PHYS 198, 298, 398, 498 – Tutorial (1-3)

PHYS 100 – Physical Science (3) A course for non-science majors and constructed to meet the needs and requirements for Early Childhood and Childhood Education Majors. The laboratory activities are the central focus of the class, using active inquiry and collaborative group work to guide students toward discovering the nature of physical phenomena. The topics studied are chosen broadly from physics, chemistry, and astronomy. Lab required. Gen Ed: SP & LB credit. Fall and Spring.

PHYS 101 – College Physics I (4) This is first of the two terms sequence (PHYS 202 as the second sequence) of algebra based introductory physics covering a wide range of topics in translational and angular motion, force, gravity, work-energy, solids, waves, sound, heat and thermodynamics. It places a greater emphasis on inquiry based conceptual understanding and development of problem solving skills. The laboratory work is an integral part of the course, which provides hands-on experience on designing and investigating the laws of physics by performing a number of experiments. Lab required. Gen Ed: SP & LB credit. Fall.

PHYS 103 – University Physics I (4) This is the first course in the sequence intended for physics majors, 3/2 engineering, and other science majors who want a more detailed introduction to physics with calculus as a corequisite. Topics covered fall under the heading of mechanics; i.e. motion, Newton’s laws, dynamics, work, energy, momentum, and rotation. Emphasis is given on Inquiry based learning, hands-on experience, and problem solving skills. Lab required. Corequisite: MATH 151. Gen Ed: SP & LB. Fall.

PHYS 104 – University Physics II (4) Part II of the calculus-based sequence focusing on the studies of electric charges, potential, fields, circuits, magnetism and electromagnetic interactions. Accompanying laboratory activities span the topological coverage. Lab required. Prerequisite: PHYS 103. Corequisite: MATH 152. Gen Ed: SP & LB credit. Spring.

PHYS 111 – Laser and Light (3) Studies of ordinary light that led to the development of the LASER, a wonderful invention of modern times. Studies, including lab experiments, of the nature and behavior of light; reflection, refraction, polarization, interference, diffraction, absorption and emission, the formation of images, color science, holography, fiber optics, the human eye and optical phenomena in the natural world such as rainbows, Northern lights and mirages. Gen Ed: SP credit. As warranted, usually in Winterim.

PHYS 120 – Physics and Poets (3) Like poetry, physics is a creative activity that engages the emotions and intellect. In this course, mathematics is kept at a minimum and great effort is made to illuminate the concepts, structure, and developments as well as beauty in the guiding principles of basic physics. Creative activities of a physicist will be compared to those of a poet. Elementary mathematics will be used in solving problems, which illustrate the concepts. Lecture demonstrations and laboratory projects are integral parts of the course. Gen Ed: SP credit. As warranted, usually in Winterim.

PHYS 130 – Musical Acoustics (3) The physics of music and sound. A study of the physical properties and processes related to the production of sound with particular attention to musical sounds: vibrations and oscillations as the sources of waves and wave properties, and those of sound waves in particular; the mathematical and psychophysical basis of musical scales; the structure and function of the human ear and how it detects and processes sounds; how musical instruments produce the sounds that they do and the similarities and differences among them; the physical properties behind musical characteristics, such as pitch, loudness and timbre (quality); aspects of environmental sound, including loudness, reflection and absorption. Examples of the phenomena are furnished by classroom demonstrations using oscillation and wave apparatus and actual musical instruments. Neither high school physics nor prior musical instruction is expected or required. Students enrolling in this course are encouraged to register at the same time for PHYS 131, when it is offered. Gen Ed: SP credit.

PHYS 131 – Musical Acoustics Laboratory (1) Laboratory activities are designed to complement the topics studied in PHYS 130 and furnish the student with the experience of making and interpreting measurements of musical properties. Registration in PHYS 131 without co-registering in PHYS 130 is possible with permission of the instructor. Gen Ed: LB credit. As warranted.

PHYS 202 – College Physics II (4) Algebra based introductory physics course covering a wide range of topics in electricity, magnetism, AC circuit, optics, relativity, quantum and nuclear physics. It places a greater emphasis on inquiry based conceptual understanding and development of problem solving skills. The laboratory work is an integral part of the course, which provides hands-on experience on designing and investigating the laws of physics by performing a number of experiments. Lab required. Prerequisite: PHYS 101. Gen Ed: SP & LB credit. Spring.

PHYS 205 – University Physics III (4) Part III of the calculus-based sequence and covering statics, fluid, wave motion, sound, heat, and thermodynamics. Emphasis is given on inquiry based learning, hands-on experience and problem solving skills. Lab required. Prerequisite: PHYS 104. Gen Ed: SP & LB credit. Fall.

PHYS 306 – Modern Physics (4) Study of the phenomena that emerged from the revolutionary developments that occurred in physics around 1900. Relativity, atomic particles and structure, wave-particle duality and quantum behavior. Accompanying
laboratory work includes exercises in the pioneering discoveries and experiments of the era. Lab required. Prerequisite: PHYS 205. Spring.

PHYS 320 – Mathematics, Science, and Philosophy (3) Selected writings by scientists and philosophers studied with concurrent progress in mathematical and scientific thought from ancient to modern times. Credit not counted toward Physics Major or Minor. Prerequisite: one year of calculus. Gen Ed: SP & WI. As warranted.

PHYS 325 – Energy and the Environment (3) Presents basic physical and quantitative concepts which are needed to understand energy and its environmental interaction. The physical laws come from mechanics, heat and thermodynamics, electricity, and nuclear reactions. A recurring theme is the extraction, transportation, conversion, distribution, end use, and dispersal of energy and the environmental impact of each step. Credit not counted toward the Physics Major or Minor. Prerequisite: one semester of college science. Gen Ed: SP credit. As warranted.

PHYS 330 – Meteorology (3) Components of the atmosphere, atmospheric dynamics, weather elements, weather phenomena and their physical courses, weather maps, weather predictions, operation and use of weather instruments. Prerequisite: one semester of college science. Gen Ed: SP credit. Fall or as warranted.

PHYS 335 – Astronomy (3) Topics include: solar system structure and dynamics, stellar composition and evolution, binary and multiple star systems, galactic structure and evolution, and theories describing the known universe. Included also is the study of the evening sky, constellations, planetary movement, and astronomical instrumentation. Prerequisite: one semester of college science. Gen Ed: SP credit. Spring or as warranted.

PHYS 350 – Elements of Special Relativity (2) Basic principles of special relativity and their application to four-dimensional space-time and particle reactions. As warranted.

PHYS 355 – Electronics (4) This course involves the study of electronic components and their function in electronic circuits, the application of that information to the design of circuits, and a study of the circuits themselves. Topics include: the theory, design, and function of common passive circuit elements, active discrete and integrated solid state devices, analog, and digital circuits. Lab required. Prerequisite: PHYS 205 or equivalent. As warranted.

PHYS 360 – Advanced Physical Laboratory I (3) Advanced experimental work in electricity, magnetism, optics, and atomic, nuclear, and solid state physics. Prerequisites: PHYS 205. Gen Ed: WI credit. Fall or as warranted.

PHYS 361 – Advanced Physical Laboratory II (3) Continuation of PHYS 360. Prerequisite: PHYS 306. Spring or as warranted.

PHYS 370 – Mathematical Physics (3) A course that integrates conceptual understanding of physics with mathematical framework. Important topics include differential calculus, integral calculus, complex variables, vector calculus, linear algebra, and differential equations. The emphasis is on learning the mathematical models of important concepts and developing skills to solve problems. Prerequisite: MATH 152. Fall or Spring.

PHYS 386 – Optics (3) A study of geometrical and wave optics. Topics include: reflection, refraction, dispersion, diffraction, polarization, lenses, mirrors, optical systems, and fiber optics. Prerequisite: PHYS 205 or equivalent. As warranted.

PHYS 390 – Nuclear Physics (3) A study of nuclear and particle physics. Topics include: natural and artificial radioactivity, nuclear detection devices, particle scattering, models of the nucleus, and modern developments in particle physics. Prerequisite: PHYS 205 or equivalent. As warranted.

PHYS 440 – Physics Laboratory Techniques (1–2) Senior Physics Majors gain experience as supervisors of physics laboratories at various levels and/or serve as interns gaining experience in the college planetarium. Prerequisites: PHYS 103, 104, 205, 306, and permission. As warranted.

PHYS 450 – Condensed Matter Physics (3) Studies of what made the computer revolution possible. Course materials are directed towards understanding of the physics of condensed matter, formerly known as Solid State Physics. Major topics are studies of crystalline structure, electromagnetic optical properties of matter, conductors, insulators and semiconducting materials as in diodes and transistors, present day research and applications. Prerequisite: CHEM 106 and PHYS 306. As warranted.

PHYS 465 – Physics Research I (1–3) Designing, performing, interpreting, and summarizing research project in a field of pure or applied physics. Prerequisite: Instructor approval. Fall and Spring.

PHYS 466 – Physics Research II (1–3) A continuation of PHYS 465.

PHYS 475 – Mechanics (3) A study of classical mechanics following the theories of Newton, Lagrange, and Hamilton. Topics include: single and multiple particle motion, central forces, rigid body dynamics, moving coordinate systems, and particle interactions. Prerequisite: PHYS 205 and 370 or equivalent. Fall.

PHYS 480 – Electromagnetic Theory I (3) The Industrial Revolution in Europe and elsewhere was the result of progress in theoretical and experimental work in electromagnetism. The course explores the fundamental and experimental work in electromagnetism and the developments at the forefront of the technological worlds. Major topics are electrostatics, magnetostatics, Maxwell’s equations, electromagnetic waves and their interactions with matter, electromagnetic optical properties and their applications. Prerequisites: PHYS 205 and 370 or equivalent. As warranted.

PHYS 481 – Electromagnetic Theory II (3) Continuation and further development of topics in PHYS 480. Prerequisite: PHYS 480. As warranted.

PHYS 484 – Thermodynamics and Statistical Mechanics (3) A study of heat, thermodynamics, and statistical mechanics. Topics include: heat, heat engines, entropy and the second law of thermodynamics, thermodynamic potentials, phase transitions, and an introduction to statistical mechanics. Prerequisite: PHYS 205 and 370 or equivalent. Spring or as warranted.

PHYS 490 – Quantum Physics I (3) Exploring the world of quantum physics that cannot be explained by classical physics based on Sir Isaac Newton’s work. Seeking answer to why it came to be accepted as the best description of physics. Learning the techniques of problem solving that include computational work. Major topics include old quantum theory, wave particle duality, uncertainty principle, Schrodinger’s equation, square well potential, harmonic oscillator, the hydrogen atom problem, angular momentum theory, electron spin, fine structure, hyperfine structure, spin-orbit interaction, angular momentum coupling schemes and quantum theory of scattering of particles. Prerequisites: PHYS 306 and 370 or equivalent. As warranted.

PHYS 491 – Quantum Physics II (3) Continuation and further development of topics in PHYS 490. Prerequisite: PHYS 490. As warranted.

PHYS 494 – Physics Seminar (1–3) Students study and discuss contemporary research problems and results in the fields of pure and applied physics. Prerequisite: 22 semester hours of physics courses. Gen Ed: SI credit. As warranted.

Department of Politics
Contact Person: Philip Neisser, Chair
307 Satterlee, 315-267-2554, neisserp@potsdam.edu

Professor: Philip Neisser
Associate Professors: Robert Hinckley, Jack McGuire, Stacy Rosenberg
Assistant Professors: Daniel Lempert
Lecturer: Michael Popovic

Many students study politics in order to prepare for careers in law, government, foreign service, public policy, social action, teaching, business, or some combination of these fields. Many others are drawn to the study of politics because they realize how significantly politics shapes all our lives, from our interpersonal to our international relations. Whether students desire a particular type of employment for which a degree in political science uniquely prepares them, or hope to gain a deeper understanding of how individuals and groups can live together under conditions of greater equality, peace, and justice, their course of study in the politics program will lead them to engage in highly systematic, sophisticated, creative forms of analysis and problem-solving.
Political Science Major (B.A.)
33-36 credit hours required. Plus 3 credits of cognates.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
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<tr>
<td>Required Courses</td>
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<tr>
<td>POLS 110 Introduction to U.S. Politics (4 credits)</td>
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<tr>
<td>POLS 130 Introduction to Comparative Politics (4 credits)</td>
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<tr>
<td>POLS 140 Introduction to International Relations (4 credits)</td>
</tr>
<tr>
<td>POLS 200 Political Ideas (4 credits)</td>
</tr>
<tr>
<td>POLS 289 Approaching Political Puzzles (4 credits)</td>
</tr>
<tr>
<td>POLS 400 Senior Seminar (4 credits)</td>
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</table>

*All SUNY Potsdam Politics courses are 4 credits, but students can count up to two 3 credit lower-division Politics courses taken at other colleges towards the Major if those courses have been accepted for transfer and authorized as equivalent in content on the transfer credit evaluation.

Cognate Requirement: one statistics course 3

Plus Limited Electives 11-12*
One upper-division course in three of the following areas (a course cannot be used to fulfill more than one of the three required fields):
- Political Theory (3-4 credits)
- Comparative Politics (3-4 credits)
- International Relations (3-4 credits)
- U.S. Politics (3-4 credits)

*All SUNY Potsdam Politics courses are 4 credits, but students can count one 3 credit upper-division Politics courses towards the Major if that course has been accepted for transfer and as equivalent in content on the transfer credit evaluation.

Notes
1. Students must have at least 70 hours outside any one department. Consequently, majors should not take more than 3 additional courses beyond those required for the major.
2. Students must earn a minimum grade of 2.0 in all courses toward the politics major.
3. Only one course (4 credits) for the major can be taken S/U.
4. No more than 4 credits in internships can be counted toward the major.

Recommended Coursework Outside the Major
This is dependent on students’ educational and professional objectives. Students are strongly urged to consult with a departmental adviser regarding appropriate course selections.

Politics Minor
18-20 credit hours required. Closed to Politics majors.

This minor affords students an opportunity to develop a fundamental understanding of the theories, methods and substance of politics.

All courses are 3 credits unless noted. Credits are divided as follows:

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<tbody>
<tr>
<td>Required Courses: two of the following</td>
</tr>
<tr>
<td>POLS 110 Introduction to U.S. Politics (4 credits)</td>
</tr>
<tr>
<td>POLS 130 Introduction to Comparative Politics (4 credits)</td>
</tr>
<tr>
<td>POLS 140 Introduction to International Relations (4 credits)</td>
</tr>
<tr>
<td>POLS 200 Political Ideas (4 credits)</td>
</tr>
</tbody>
</table>

*All SUNY Potsdam Politics courses are 4 credits, but students can count one 3 credit lower-division Politics course taken at another college towards the Politics Minor if that course has been accepted for transfer and as equivalent in content on the transfer credit evaluation. Electives 11-12*
Three 300 or 400 level courses, no more than two of which can be in the same sub-field of the discipline. The four subfields are U.S. politics, political theory, international relations, and comparative politics.

*All SUNY Potsdam Politics courses are 4 credits, but students can count one 3 credit upper-division Politics courses towards the Politics Minor if that course has been (a) taken at another college and accepted as equivalent in content for transfer, or (b) offered by another SUNY Potsdam department and cross-listed as an upper-division Politics course. Therefore, at least two of the limited electives must be courses taken in the SUNY Potsdam Politics Department.

Notes
1. Theory Requirement: at least one of the courses taken to complete the minor must be a theory course. This means either Political Ideas (POLS 200) or a 300- or 400-level theory elective.
2. Students must earn a minimum grade of 2.0 in all courses to be counted toward the politics minor.
3. Only one course (4 credits) for the minor can be taken S/U.

Pre-Law Minor
18-20 credit hours required. Open to all majors including Politics majors.

The minor provides students concentrated study in U.S. legal systems and provides experience in law-related coursework. Students are able to develop an understanding of the relationship of law and legal institutions to the State and society.

Students who are pre-law minors have the opportunity to develop a fundamental understanding of the key analytical questions concerning legal processes and ideas in the United States.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Required Courses</td>
</tr>
<tr>
<td>POLS 110 Introduction to U.S. Politics (4 credits)</td>
</tr>
</tbody>
</table>

*All SUNY Potsdam Politics courses are 4 credits, but students can count one 3 credit lower-division Politics course taken at another college towards the Pre-Law Minor if that course has been accepted for transfer and as equivalent in content on the transfer credit evaluation.
Elective Courses

The Pre-Law Minor requires three upper division law-related electives (3-4 credits each) as identified by the pre-law adviser. One of these courses (approved by the pre-law adviser) may be outside the politics major.

*All SUNY Potsdam Politics courses are 4 credits, but students can count one 3 credit upper-division Politics courses towards the Pre-Law Minor if that course has been (a) taken at another college and accepted as equivalent in content for transfer, or (b) offered by another SUNY Potsdam department and approved as a pre-law course by the pre-law adviser. Therefore, at least three of the limited electives must be courses taken in the SUNY Potsdam Politics Department.

Notes
1. Students must earn a minimum grade of 2.0 in all courses to be counted toward the pre-law minor.
2. Only one upper division law-related elective can count both toward the politics major and the pre-law minor.

International Studies Major

Please see page 76.

Study Abroad, Student Exchange, and Internship Opportunities

Students who study abroad to achieve a better understanding of global issues and other cultures can thereby complete a variety of requirements in the Politics Major. For example, students may study African politics, international relations in Mexico, or U.S. politics from the perspective of political scientists in such places as Australia, England, Denmark, Sweden, and the Netherlands. Students can also complete politics requirements at other colleges and universities within the U.S. through the National Student Exchange (NSE) and can take advantage of popular legal, public policy, and legislative internships in St. Lawrence County, Albany, and Washington, D.C.

Politics Course Descriptions

Note: Most required courses are offered each semester, and most electives are offered every year or every other year. Also, a number of courses satisfy requirements in interdisciplinary programs such as Criminal Justice, Environmental Studies, Human Services, U.S. and Global Studies, and Women's and Gender Studies. Contact the department chair for more information.

@ = Indicates a non-liberal arts course. Please refer to page 45 for a description of non-liberal arts credits.

POLS 195, 295, 395, 495 – Special Topics (1-4)

POLS 198, 298, 398, 498 – Tutorial (1-4)

Introductory Courses

POLS 100 – Introduction to Politics (4) Introduces the fundamental questions, answers, and methods of discovery surrounding the creation of a civilized society. The perennial questions that this class addresses include - What is the good life? What is justice? And how should we balance individual rights and the broader interests of society? Classic and contemporary methods of investigating these questions are explored. Emphasis will vary with instructor. Gen Ed: FC (some sections PI) credit.

POLS 110 – Introduction to U.S. Politics (4) Gives an introduction to the major political institutions in U.S. national politics and the behavior of individuals and groups involved with these institutions. Gen Ed: SA credit, and occasionally taught for FS credit. Fall and Spring.

POLS 125 – Women’s and Gender Studies I (4) As the foundation course for the Women’s and Gender Studies program, this course provides an introduction to the multidisciplinary field of women’s and gender studies. By exploring feminist theories, paradigms, and critiques, the course offers opportunities to explore the relationships of gender, race, class, and sexual orientation and to examine feminist struggles worldwide for equality and justice. Cross-listed as WMST 100.

POLS 130 – Introduction to Comparative Politics (4) Gives an introduction to basic concepts in comparative political analysis and application of them to selected countries from diverse regions of the world. We will explore the formal political institutions in each country, as well as less formal aspects including political values and culture. We will also examine how society, economy, and globalization help shape domestic politics. Gen Ed: XC credit. Most semesters.

POLS 140 – Introduction to International Relations (4) Introduces students to fundamental issues in the study of global politics. We look at today's international politics in a historical perspective by reading different theoretical approaches within the discipline of International Relations and discussing their main arguments and “world views.” The course covers important topics such as the role of international organizations, war and peace, globalization and environmental cooperation. Most semesters.

POLS 200 – Political Ideas (4) Considers major perennial political problems. Introduces concepts and analytical techniques used in the search for appropriate responses to those problems. Gen Ed: PI credit. Fall and Spring.

Capstone Courses

POLS 289 – Approaching Political Puzzles (4) Introduces students to the process of writing an original undergraduate research paper in the field of Political Science. Part 1 of the course is devoted to reading and understanding professional research reports. The focus of part 2 is writing a literature review in response to a research question. In Part 3, students become familiar with common research designs and methods of analysis. Prerequisites: any 2 of the following: POLS 110, 130, 140, or 200. Spring

POLS 400 – Senior Seminar (4) Acquaints students with principles of performance and research in the discipline of political science. Students write a major research paper. Prerequisite: junior or senior standing. 12-16 semester hours in Political Science recommended. Prerequisites: POLS 110, 130, 140, 200 and 289 as well as one of the following: STAT 100, MATH 125, or CIS 125. Gen Ed: WI credit. Fall and Spring.

Political Theory Courses

POLS 316 – Power and Democracy (4) Considers the structure of power; the effects of social class, economic structure and political ideology on the distribution of political power; and the implications for democratic theory and practice. Prerequisite: POLS 110 or 200. Gen Ed: SA credit.

POLS 347 – Post-Colonial Theories and Societies (4) Demonstrates that the history of material and ideological dependency of most parts of the Global South on imperial powers has not simply ended with decolonization. To better understand this situation, we analyze the post-colonial production of knowledge that is still based on Western domination. Prerequisite: sophomore standing. Gen Ed: XC credit. Occasionally.

POLS 353 – Feminist Political Thought (4) Gives an overview of feminist political theorizing and aims to make students familiar with feminist political ideas as results of specific historical contexts and controversies. Students are encouraged to develop their own viewpoints in response to the readings and to reflect upon the conditions of the production of knowledge. Prerequisite: POLS 125, WMST 100, or POLS 200. Gen Ed: PI credit. Alternate years.

POLS 354 – Western Political Thought (4) A selective survey of original classics of Western political theory plus a look at commentary. We will consider Plato, Aristotle, Hobbes, Rousseau, Marx, Locke, and others. Prerequisite: POLS 200. Gen Ed: PI & WC credit. Alternate years.

POLS 355 – Politics and the Environment (4) Examines the environmental movement, governmental institutions and policymaking as it relates to the environmental problems, the ways to think about the interactions of humans with the natural and built environments and the searches for grassroots solutions to environmental problems. There is also a focus on national institutions and structures aimed at imparting an understanding of presidential leadership, congressional gridlock and judicial environmental policy. Prerequisite: POLS 110.
U.S. Politics Courses

POLS 301 – U.S. Parties, Elections & Interest Groups (4) Examines the historical and contemporary understandings of parties, elections, and interest groups. Their historical development, institutionalization, and importance to our political system are explored within the context of citizen participation. Prerequisite: POLS 110. Occasionally.

POLS 302 – American Media & Politics (4) Allows students to gain a deeper understanding of the interrelationships between mass media, the mass public and public officials. We will study the reciprocal relations between the media, the public and public officials in an effort to think more systematically and become better consumers of political news. Pre-requisite: POLS 110. Occasionally.

POLS 306 – Congress and the Presidency (4) Examines the historical and contemporary understandings of the Congress and Presidency. We explore each institution separately as well as their relationship with each other, with particular emphasis on presidential-congressional budgeting and policy-making. Prerequisite: POLS 110. Gen Ed: SA credit. Occasionally.

POLS 312 – Crime and Justice (4) Gives an introduction to the U.S. legal system with emphasis on the criminal justice system. This course will focus on the rights of the accused as found in the 4th, 5th, 6th, 8th and Fourteenth Amendments. Prerequisite: POLS 110 or SOCI 103. Gen Ed: SA credit. Every year.

POLS 313 – U.S. Public Opinion (4) Examines public opinion and mass political behavior in the United States. Among the topics to be explored are the ways in which ordinary citizens make sense of their political world, the quality and sophistication of public opinion, the interplay between mass attitudes and public policy, and the motivations that underlie political participation and electoral choice. Prerequisite: POLS 110.

POLS 318 – Congress & Legislative Process (4) Advances student understanding of the legislative process of the U.S. Congress and analyzes the many institutions that affect both the Congress and the various state legislatures: elections rules, committees, political parties, organized interests, the media, party leaders, chief executives, and courts. Prerequisite: POLS 110 Gen ED: SA credit.

POLS 321 – Politics and the Judicial Process (4) Gives a legal-political analysis of the institutions and factors shaping judicial behavior and decision-making. Emphasis is placed upon the federal political system, particularly the Supreme Court of the U.S. Prerequisite: POLS 110. Gen Ed: SA credit. Alternate years.

POLS 322 – State and Local Government (4) Examines the conflict and cooperation between the state, local, and federal units of government in the United States. Students are asked to develop an understanding of American state and local politics, institutions, and public policy, and also consider how and where they, as a community member and (for most) a citizen, can engage politically. Prerequisite: POLS 110. Gen Ed: SA credit. Alternate years.

POLS 323 – Welfare Policy Research (4) Examines U.S. welfare policy with an emphasis on factors influencing the development of the modern social welfare state and its effects on the poor. Students engage in original research in order to analyze and assess contemporary welfare policy in the light of the historical, economic, and regional contexts in which it operates. Each student group orally presents its research results at the end of the semester and each student writes a paper summarizing his or her contribution. Prerequisite: POLS 110, 125, SOCI 101, or 325.

POLS 324 – Natural Resource Policy (4) Examines historical and current natural resource policy and management in the U.S. Emphasis will be placed on the political, legal, economic, ecological, and social context in which public land management decisions are made at the national, state, and local level. Prerequisite: sophomore standing. Every year.

POLS 325 – U.S. Public Policy & Administration (4) Examines the creation of U.S. public policies, the policy-making process, administrative institutions, organizational theory, and accountability by public officials in elected offices and bureaucracies. Prerequisite: POLS 110. Occasionally.

POLS 327 – Law and Society (4) Examines how society and the courts intersect with each other when controversial policies, such as racial integration are being implemented by judges. It will also explore strategies of defiance of judicial rulings and how courts respond to cues from other political institutions and the manner in which new social developments influence judicial thinking and behavior. Prerequisite: POLS 110. Alternate years.

POLS 329 – Introduction to Genomics (4) Focuses on the theory and methods of analyzing large genetic data sets and their application to biological problems, including sequence alignment and search methods, gene prediction, phylogenetic trees, and transcriptomics. Lab required. Prerequisite: BIOL 311. Spring.

POLS 348 – Water Policy (4) Provides an overview of water resource policy and management at the global, national, and regional scale. Course will begin with a focus on global water issues and the complexity in managing this increasingly important resource. Course will highlight U.S. water policy and management issues and will emphasize the historical roots of today’s water resource policies; as well as, explore regional water issues. Prerequisite: sophomore standing. Fall

POLS 355 – Politics and the Environment (4) Examines the environmental movement, governmental institutions and policymaking as it relates to the environmental problems, the ways to think about the interactions of humans with the natural and built environments and the searches for grassroots solutions to environmental problems. There is also a focus on national institutions and structures aimed at imparting an understanding of presidential leadership, congressional gridlock and judicial environmental policy. Prerequisite: POLS 110.

POLS 412 – Constitutional Law (4) Study of the early formation of U.S. constitutional law role of the U.S. Supreme Court, with emphasis on issue of federalism. Prerequisite: POLS 110. Gen Ed: AH & WI credit. Alternate years.

POLS 413 – Civil Liberties I: Freedom of Expression and Religion (4) Legal-political analysis of the development of national policy regarding the First Amendment with emphasis on Supreme Court decisions dealing with obscenity, libel, subversive speech and religious freedom. Prerequisite: POLS 110. Recommended prerequisite: POLS 321. Gen Ed: SA credit. Alternate years.

POLS 414 – Environmental Law (4) Provides a survey and analysis of statutes, both state and federal, regulating water, soil, air pollution, resource conservation and recovery, and the actions of the Environmental Protection Agency. The course also addresses questions pertaining to problems of implementation, interpretation, enforcement, and development of environmental laws. In addition, the course examines New York State environmental laws, the New York State Constitution, especially Article 14 and other rules and regulations that pertain to the Adirondack Park. Prerequisite: POLS 110. Occasionally.

POLS 415 – Civil Liberties II: Race, Sex & Privacy (4) Gives a focus on the Supreme Court’s interpretation of the equal protection clause of the Fourteenth Amendment as well as the Court’s development of the constitutional right to privacy. Prerequisite: POLS 110. Gen Ed: SA credit. Occasionally.

POLS 420 – Recent U.S. Foreign Policy (4) Political process by which foreign policy is made; origins and character of Cold War; and role and interests of the United States in a post-cold war world. Prerequisite: POLS 200. Gen Ed: WI credit. Occasionally.

POLS 490 – Legal Internship (4) Students assigned to members of legal profession. Nature of work generally includes legal research, attendance at trials and drafting of briefs or legal memoranda. Students prepare term paper dealing with an aspect of the law to which they have been exposed. Prerequisites: POLS 321, outstanding work in law-related courses and permission. Every semester.

POLS 491 – Public Policy Internship (4) During summer or regular semesters, students work as researchers and administrative assistants with policy implementing government and non-governmental agencies. Prerequisite: permission. Every semester.

POLS 492 – Internship Seminar (3) Conducted in conjunction with New York State Senate and Assembly Internship Programs or the Washington Brockport Internship Program. Students must complete all requirements of their internship program (including the completion of POLS 494) and write an in-depth term project or paper. Prerequisite: junior or senior status and permission. Open to all majors.

POLS 494 – @Political Science Internship (12) Conducted in conjunction with New York State Senate and Assembly Internship Program or Washington Brockport Internship. MUST be taken concurrently with POLS 492 for a maximum of 15 semester hours combined. Prerequisite: junior or senior status and permission. Open to all majors.
**International Relations Courses**

**POLS 332 – Women and Politics (4)** Examines the impact of male-dominated politics on women and development of feminist politics from U.S., international, and comparative perspectives. It also examines gender, race and class relations in politics of international relations, state, workplace, community and family. Prerequisite: POLS 125/WMST 100 or 200. Gen Ed: SI credit. Alternate years.

**POLS 333 – International Conflict (4)** Explores different forms of conflict – from non-violent to violent – and their underlying dynamics. It addresses the following questions: Why can some conflicts be managed in a peaceful way, while others end in genocide? What are causes of conflict? What role does the cultural context, the state, the military, the economy, the gender order and ethnicity and nationalism play in conflicts? What are techniques to mediate and transform conflicts? And how in the aftermath of a conflict, can peace be made sustainable? Prerequisite: POLS 140. Gen Ed: Occasionally taught for WI and SI credit. Occasionally.

**POLS 337 – International Political Economy (4)** Examines both current and past events with international political and economic ramifications, as well as theories that seek to provide systematic explanations for the economic behavior of states. This course is concerned with the interactions and tensions between states and markets. Alternate years.

**POLS 338 – International Human Rights (4)** Introduces Human Rights as an international concern. It sheds light on the theoretical contestations of the concept and on political practices to make human rights a reality, such as the monitoring system of the United Nations, domestic and foreign policies of selected states and transnational organizations’ efforts to work for human dignity, e.g. in the field of indigenous or women’s rights. Prerequisite: junior standing. Gen Ed: XC credit. Every year.

**POLS 340 – International Environmental Policy (4)** Examines the emergence of global environmental politics with a focus on three areas: (1) historical analysis of the “road from Stockholm to Rio” and the connected concept of sustainability, (2) international environmental regimes and diplomacy, and (3) the role developing countries do and might play in global environmental governance. It begins by examining the scope of environmental agreements and the language of international environmental cooperation. The focus then shifts to the global level by analyzing the actors in the international arena and the differing approaches to world politics. Prerequisite: POLS 110.

**POLS 344 – Global Climate Change (4)** Explores the human dimensions of global climate change (GCC) and highlight current U.S. policies related to GCC. We will investigate the expected impacts and the diversity of proposed mitigation and adaptation strategies. The class will develop group projects to educate the local community on climate change issues and conduct hands-on activities on Earth Day. Prerequisite: sophomore standing. Every year.

**POLS 346 – North American Environmental Policy (4)** Since the late 1980s, the concept of the state has regained currency in the study of comparative politics. By focusing on the state, scholars examine its political structures, political culture, relationships between interest groups, and perspectives of sovereignty as they relate to the economy and individual rights. The point of departure in this course will be the study of environmental policies in Canada, Mexico and the United States. By stressing one substantive policy area that encompasses both individual and state decision making in the marketplace, students will be introduced to these important concepts, facilitating both their understanding of the subfield of politics and their understanding of North American environmental policy. Prerequisite: POLS 110. Occasionally.

**POLS 347 – Post-Colonial Theories and Societies (4)** Demonstrates that the history of material and ideological dependency of most parts of the Global South on imperial powers has not simply ended with decolonization. To better understand this situation, we analyze the post-colonial production of knowledge that is still based on Western domination. Prerequisite: sophomore standing. Gen Ed: XC credit. Occasionally.

**POLS 348 – Water Policy (4)** Provides an overview of water resource policy and management at the global, national, and regional scale. Course will begin with a focus on global water issues and the complexity in managing this increasingly important resource. Course will highlight U.S. water policy and management issues and will emphasize the historical roots of today’s water resource policies; as well as, explore regional water issues. Prerequisite: sophomore standing. Fall

**POLS 355 – Politics and the Environment (4)** Examines the environmental movement, governmental institutions and policymaking as it relates to the environmental problems, the ways to think about the interactions of humans with the natural and built environments and the searches for grassroots solutions to environmental problems. There is also a focus on national institutions and structures aimed at imparting an understanding of presidential leadership, congressional gridlock and judicial environmental policy. Prerequisite: POLS 110.

**POLS 420 – Recent U.S. Foreign Policy (4)** Political process by which foreign policy is made; origins and character of Cold War; and role and interests of the United States in a post-cold war world. Prerequisite: POLS 200. Gen Ed: WI credit. Occasionally.

**POLS 432 – Politics of Global Inequality (4)** Provides a historical overview of the evolution of the international capitalist system. Several competing explanations for the unequal division of wealth and poverty in the global economy are evaluated. We also explore contemporary issues such as the debt crisis, economic development strategies, the role of transnational corporations, and environmental degradation, with an emphasis on specific country examples. Prerequisite: sophomore standing. Gen Ed: XC credit. Offered occasionally.

**Comparative Politics Courses**

**POLS 326 – Political Intolerance (4)** Explores the sources of both political tolerance and intolerance within the general public, including the role played by inter-group prejudice. Cases include Russia, South Africa, and the United States. Emphasis on developing the ability to conduct and speak about social science research. Prerequisite: junior or senior standing. Gen Ed: SI credit. Alternate years.

**POLS 332 – Women and Politics (4)** Explores the impact of male-dominated politics on women and development of feminist politics from U.S., international, and comparative perspectives. It also examines gender, race and class relations in politics of international relations, state, workplace, community and family. Prerequisite: POLS 125/WMST 100 or 200. Gen Ed: SI credit. Alternate years.

**POLS 334 – Democracy Lab (4)** Investigates what makes democratic political systems effective, responsive, and accountable to the people. Alternative cultural and theoretical perspectives on democracy are also explored. Cases include national and regional political systems in the United States, Europe, and the former Soviet Union. Prerequisite: sophomore standing. Alternate years.

**POLS 335 – International Conflict (4)** Explores different forms of conflict – from non-violent to violent – and their underlying dynamics. It addresses the following questions: Why can some conflicts be managed in a peaceful way, while others end in genocide? What are causes of conflict? What role does the cultural context, the state, the military, the economy, the gender order and ethnicity and nationalism play in conflicts? What are techniques to mediate and transform conflicts? And how in the aftermath of a conflict, can peace be made sustainable? Prerequisite: POLS 140. Gen Ed: Occasionally taught for WI and SI credit. Occasionally.

**POLS 339 – Citizen Politics (4)** Explores why, when and how ordinary citizens participate in democratic politics. We will study what motivates participation–that is, why individuals get involved–when citizens choose to join the political process, and how the modes of participation in advanced, industrial democracies may be changing from traditional party politics to new forms of involvement. Prerequisite: junior or senior standing. Alternate years.

**POLS 344 – Global Climate Change (4)** Explores the human dimensions of global climate change (GCC) and highlight current U.S. policies related to GCC. We will investigate the expected impacts and the diversity of proposed mitigation and adaptation strategies. The class will develop group projects to educate the local community on climate change issues and conduct hands-on activities on Earth Day. Prerequisite: sophomore standing. Every year.

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Pre-Law Electives (w/in Politics Dept.)
Note: Please check w/the Pre-Law adviser about any 395 and 495 courses.

POLS 312 – Crime and Justice (4) Gives an introduction to the U.S. legal system with emphasis on the criminal justice system. This course will focus on the rights of the accused as found in the 4th, 5th, 6th, 8th and Fourteenth Amendments. Prerequisite: POLS 110 or SOCI 103. Gen Ed: SA credit. Every year.

POLS 321 – Politics and the Judicial Process (4) Gives a legal-political analysis of the institutions and factors shaping judicial behavior and decision-making. Emphasis is placed upon the federal political system, particularly the Supreme Court of the U.S. Prerequisite: POLS 110. Gen Ed: SA credit. Alternate years.

POLS 327 – Law and Society (4) Examines how society and the courts interact with each other when controversial policies, such as racial integration are being implemented by judges. It will also explore strategies of defiance of judicial rulings and how courts respond to cues from other political institutions and the manner in which new social developments influence judicial thinking and behavior. Prerequisite: POLS 110. Alternate years.

POLS 338 – International Human Rights (4) Introduces Human Rights as an international concern. It sheds light on the theoretical contestations of the concept and on political practices to make human rights a reality, such as the monitoring system of the United Nations, domestic and foreign policies of selected states and transnational organizations’ efforts to work for human dignity, e.g. in the field of indigenous or women’s rights. Prerequisite: junior standing. Gen Ed: XC credit. Every year.

POLS 412 – Constitutional Law (4) Study of the early formation of U.S. Constitutional law role of the U.S. Supreme Court, with emphasis on issue of federalism. Prerequisite: POLS 110. Gen Ed: AH & WI credit. Alternate years.

POLS 413 – Civil Liberties I: Freedom of Expression and Religion (4) Legal-political analysis of the development of national policy regarding the First Amendment with emphasis on Supreme Court decisions dealing with obscenity, libel, subversive speech and religious freedom. Prerequisite: POLS 110. Recommended prerequisite: POLS 321. Gen Ed: SA credit. Alternate years.

POLS 414 – Environmental Law (4) Provides a survey and analysis of statutes, both state and federal, regulating water, soil, air pollution, resource conservation and recovery, and the actions of the Environmental Protection Agency. The course also addresses questions pertaining to problems of implementation, interpretation, enforcement, and development of environmental laws. In addition, the course examines New York State environmental laws, the New York State Constitution, especially Article 14 and other rules and regulations that pertain to the Adirondack Park. Prerequisite: POLS 110. Occasionally.

POLS 415 – Civil Liberties II: Race, Sex & Privacy (4) Gives a focus on the Supreme Court’s interpretation of the equal protection clause of the Fourteenth Amendment as well as the Court’s development of the constitutional right to privacy. Prerequisite: POLS 110. Gen Ed: SA credit. Occasionally.

Department of Psychology
Contact Person: Arlene M. Stillwell, Chair
156 Flagg, 315-267-4808, stillwam@potsdam.edu


Associate Professors: Heather M. Beauchamp, Thomas J. Gerstenberger, Michael A. Tissaw

Assistant Professor: James W. Fryer

Psychology Major (B.A.)
34 credit hours required.

All courses are 3 credits unless noted. Credits are divided as follows:

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tr>
<td>PSYC 100</td>
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<td>PSYC 300</td>
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<td>PSYC 381</td>
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<td>PSYC 414</td>
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<td>PSYC 415</td>
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<td>PSYC 330</td>
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<td>PSYC 338</td>
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<td>PSYC 390</td>
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<td>PSYC 400</td>
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Group I: two of the following

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<tr>
<td>PSYC 340</td>
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<td>PSYC 341</td>
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<td>PSYC 342</td>
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Group II: two of the following

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<th>Course</th>
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<tbody>
<tr>
<td>PSYC 320</td>
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<td>PSYC 322</td>
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<td>PSYC 330</td>
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<td>PSYC 370</td>
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<td>PSYC 414</td>
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<td>PSYC 415</td>
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</tbody>
</table>

Elective Courses

12

Excluding tutorials, independent studies, and internships

Notes
1. Except for tutorial study, independent study and internships, any psychology course, including courses from Groups I and II, may be used as electives.
2. No course may be counted twice.
3. Grade requirement: all above courses must be passed with a minimum grade of 2.0 to count toward the major. Students considering opting to S/U a psychology course should consult their advisers.
4. Independent studies and internships do not satisfy psychology major requirements.
5. Fifteen (15) upper-division credits are required to complete the major. PSYC 300 and non-psychology cognate or non-cognate courses cannot be used to meet upper division requirements.
6. Residence requirement: a minimum of 15 upper-division psychology credits must be completed at this college.
7. Transfer of credits – the following three requirements must be met:
   a. Courses transferred into the major must be approved by the Psychology Department Chair. Courses that are repeated will only count once for credit.
b. The Department will accept transfer credits for Introduction to Psychology and Statistics if they are at least 3 credit hours and students have earned a minimum of 2.0 or its equivalent (e.g., C). All other transferred courses MAY be accepted as Psychology electives.
   • For new, incoming students: the two Group II courses in the SUNY Transfer Pathway (Social Psychology and Abnormal Psychology) will count for Group II credit as long as they are equivalent to those courses at Potsdam.
   • Any other transferred course that is equivalent to a Group I or Group II course may count as a Psychology elective but not for Group I or II credit. Instead, the student must take another course from that group to fulfill this requirement.
   • PSYC 300 is required to be completed at SUNY Potsdam.
   • Students may petition the Chair to have a transferred course accepted for transfer credit toward the major.
   c. All courses transferred from two-year colleges/programs carry lower division credit only.

Psychology Honors Program
40-43 credit hours required.

The Psychology Honors Program is intended to foster graduate level experiences while at an undergraduate level, so that students completing this program will have the skills and training necessary for successful graduate study. In the Psychology Honors Program, students gain experience in research, improve their written and oral communication skills, and gain a greater understanding of the field of psychology.

Students who have and maintain at least a 3.5 GPA (overall and in psychology) are eligible for the Psychology Honors Program.* Honors students start by taking Honors Seminar (PSYC 494), typically in the spring semester of their junior year. Students select a topic for their research and develop a research proposal during Honors Seminar. Honors students select a major adviser and two other psychology faculty as committee members. In the senior year, students finalize their project, collect and analyze data, and present their results to the committee, the department, and to others who are interested. Completion of the written thesis is the final step in the Honors degree process. Students who successfully complete this program graduate with an Honors distinction on their diploma.

In addition to the psychology major requirements, Honors students are required to complete Honors Seminar and Honors Thesis Research I. Also, most students will take Honors Thesis Research II (though this is not a formal requirement).

*Students may petition the committee if their GPA falls below the stated requirements.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Completion of the Psychology major (34 credits)</td>
<td>34</td>
</tr>
<tr>
<td>PSYC 494 Honors Seminar</td>
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<tr>
<td>PSYC 496 Honors Thesis Research I</td>
<td></td>
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</table>

Note: one elective course must relate to the honors project

<table>
<thead>
<tr>
<th>Optional Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 499 Honors Thesis Research II</td>
<td>3</td>
</tr>
</tbody>
</table>

Recommended Coursework
It is recommended that students also take advanced statistics courses (STAT 200; STAT 300) in preparation for graduate school.

Psychology Minor
22 credit hours required. Closed to Psychology majors.

Because of the diversity within the field of psychology, the minor has been carefully chosen to expose students to at least the following: 1) a general introduction to all major areas of psychology; 2) a presentation of general experimental methods used in the collection of data; 3) exposure to an experimental laboratory-based course; 4) exposure to a social development-based course.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 100 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>STAT 100 Statistics (or MATH 125/CIS 125)</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 300 Research Methods in Psychology (4 credits)</td>
<td>4</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Group I</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 340 Human Learning and Memory</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 380 Animal Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 381 Biopsychology</td>
<td>3</td>
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<tr>
<td>PSYC 384 Cognitive Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 385 Sensory Psychology I: Vision</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 386 Sensory Psychology II: Hearing</td>
<td>3</td>
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<tr>
<td>PSYC 400 History of Psychology</td>
<td>3</td>
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<table>
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<tr>
<th>Group II</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PSYC 320 Advanced Topics in Child Development</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 322 Introduction to Intellectual Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 330 Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 370 Theories of Personality</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 375 Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 390 Tests and Measurements</td>
<td>3</td>
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</tbody>
</table>

Elective Courses
6

Notes
1. Except for tutorial study, independent study and internships, any psychology course, including courses from Groups I and II, may be used as electives.
2. No course may be counted twice.
3. Grade requirement: all above courses must be passed with a minimum grade of 2.0 to count toward the major. Students considering opting to S/U a psychology course should consult their advisers.
4. Independent studies and internships do not satisfy psychology major requirements.
5. Twelve (12) upper-division credits are required to complete the major. PSYC 300 and non-psychology cognate or non-cognate courses cannot be used to meet upper division requirements.
6. Residence requirement: a minimum of 12 upper-division psychology credits must be completed at this college.
7. Transfer of credits – the following three requirements must be met:
   a. Courses transferred into the major must be approved by the Psychology Department Chair. Courses that are repeated will only count once for credit.
   b. The Department will accept transfer credits for Introduction to Psychology and Statistics if they are at least 3 credit hours and
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• Any other transferred course that is equivalent to a Group I or Group II course may count as a Psychology elective but not for Group I or II credit. Instead, the student must take another course from that group to fulfill this requirement.
• PSYC 300 is required to be completed at SUNY Potsdam.
• Students may petition the Chair to have a transferred course accepted for transfer credit toward the major.
• All courses transferred from two-year colleges/programs carry lower division credit only.

Pre-Creative Arts Therapy Minor
18-19 credit hours required. Plus 0-3 credits of cognates. Closed to Psychology majors and minors.

The courses for this minor were selected from those prerequisite skills necessary to apply for graduate programs that will enable licensure as a Creative Arts Therapist in New York State as well as courses providing a background in fundamental skills in psychology (i.e., an understanding of cause and effect, reliability and validity). Creative Arts Therapy includes art, dance, theatre, poetry or writing therapy. Although this minor is not intended to fully train students in Creative Arts Therapy, it will prepare students for further study in this area. Students interested in music therapy should seek a concentration in Special Music Education.

This minor is for individuals who are majors in Studio Art, the BFA in Visual Arts, Dance, Theatre, English Creative Writing and English Literature. Psychology majors and minors may not take this minor, but may select the courses below to achieve a track in this area.

Students should consult their adviser to ensure that the courses they select will fulfill the requirements for entry into a graduate program in Creative Arts Therapy.

All courses are 3 credits unless noted. Credits are divided as follows:

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 100</td>
<td>Introduction to Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 220</td>
<td>Child Development OR</td>
<td></td>
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<tr>
<td>PSYC 321</td>
<td>Psychology of Adolescence</td>
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</tr>
<tr>
<td>PSYC 300</td>
<td>Research Methods in Psychology (4 credits) OR</td>
<td></td>
</tr>
<tr>
<td>PSYC 322</td>
<td>Introduction to Intellectual Disabilities</td>
<td></td>
</tr>
<tr>
<td>PSYC 364</td>
<td>Counseling Theory and Methods</td>
<td></td>
</tr>
<tr>
<td>PSYC 370</td>
<td>Theories of Personality</td>
<td></td>
</tr>
<tr>
<td>PSYC 375</td>
<td>Abnormal Psychology</td>
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</tbody>
</table>

Cognate Requirement

If Research Methods is selected, STAT 100 or its equivalent is required.

Note: If students are interested in further psychology courses, they may take Child Psychopathology, Adulthood and Aging, and Tests & Measurements. Interested students should consult their adviser for more specific recommendations. Students may opt to take courses as S/U based on the stated College policy.

Special Notes

1. Grade requirement: all above courses must be passed with a minimum grade of 2.0 to count toward the minor. Students considering opting to S/U a psychology course should consult their advisers.
2. Courses transferred into the minor must be approved by the Psychology Department Chair.

Recommended Coursework Outside the Minor

Students are urged to consult with the coordinator for this minor program, as well as the Chair and Departmental adviser of their major to ensure that educational and professional objectives are met.

Suggested Psychology Major and Minor Tracks

The following are suggested course listings for those students interested in particular areas of emphasis:

Clinical/Counseling
Abnormal Psychology, Biopsychology, Child Psychopathology, Counseling Theories and Methods, Tests and Measurements

Cognitive Science
Cognitive Psychology, Human Learning and Memory, Biopsychology, Sensory Psychology

Cognitive Development
Child Maltreatment, Introduction to Intellectual Disabilities, Child Development, Cognitive Psychology

Developmental
Advanced Child Psychology, Psychology of Adolescence, Adulthood, Middle-age and Aging

Graduate Directed
Students are advised to involve themselves in: Advanced Statistics, Psychology Honors Program, Seminars in Psychology, Research in Psychology Courses, Individual Research

School Psychology
Tests and Measurements, Educational Psychology, Abnormal Psychology, Advanced Child Psychology

Sport Psychology
Abnormal Psychology, Drugs and Behavior, Counseling Theories and Methods, Biopsychology.

Psychology Course Descriptions

Courses are offered each semester unless otherwise designated.

@ = Indicates a non-liberal arts course. Please refer to page 38 for a description of non-liberal arts credits.

PSYC 195, 295, 395, 495 – Special Topics (1-12)
PSYC 198, 298, 398, 498 – Tutorial (1-12)

PSYC 100 – Introduction to Psychology (3) Survey of the science of psychology; what psychologists do, methods they use, and conclusions they draw. Gen Ed: SA credit. Fall and Spring.

PSYC 111 – Exploring Psychology (1) This class is designed to provide first-year students with a focused look at the field of Psychology, the Psychology faculty and major at SUNY Potsdam, as well as related fields and opportunities. First and second year students only.

PSYC 220 – Child Development (3) Major issues, topics and theories of child development with emphasis on early years. Gen Ed: SA credit. Fall and Spring.
PSYC 270 – Issues of Exceptionality (3) Human exceptionality: historical and cross-cultural perspective. Not currently offered.

PSYC 300 – Research Methods in Psychology (4) Introductory laboratory course examining research methods, experimental designs and basic experimental theory. Psychology writing style is developed using data from animal and/or human studies. Lecture and lab. Prerequisites: PSYC 100, Introductory Statistics. Gen Ed: WI credit. Fall and Spring.

PSYC 301 – Teaching of Psychology (3) Tutoring students enrolled in various psychology courses. Tutors work closely with instructor to learn more effective means of teaching. Prerequisite: permission. As warranted.

PSYC 313 – Cognitive Development (3) Designed to explore cognitive development during childhood and adolescence. Focuses on changes in children’s thinking that occur over time in a variety of domains. Topics: current approaches and theories of cognitive development, developmental changes in memory, perception and language; assessment of intelligence and creativity; cognitive bases of such social phenomena as perspective taking and moral reasoning. As warranted.

PSYC 320 – Advanced Topics in Child Development (3) Theories of human development, study of the child in various contexts (e.g., school, home), cognitive development. Prerequisites: A General Education Freshman Speaking course and either PSYC 100 or 220. Offered occasionally. Gen Ed: SL credit.

PSYC 321 – Psychology of Adolescence (3) Developmental characteristics and theories of adolescent behavior. Emphasis on empirical research. Prerequisite: PSYC 100 or 220 or Sophomore standing. Gen Ed: SA credit. Fall and Spring.

PSYC 322 – Introduction to Intellectual Disabilities (3) Causes, assessment techniques, etiological classification and theories of retardation. Prerequisites: PSYC 100 and 220 or permission. Fall.

PSYC 323 – Adulthood, Middle Age and Aging (3) Psychological, biological and sociological aspects of development from early adult years to death. Theories of aging and bio-physiological aspects of aging. Prerequisites: PSYC 100 and 220. Offered occasionally.

PSYC 330 – Social Psychology (3) An introduction to the social side of human behavior. Topics include: aggression, prejudice, attitudes, group behavior, attraction and relationships. Prerequisites: PSYC 100 and 300, or SOCI 315.

PSYC 337 – Audiolinguistic Principles in Hearing (3) Acoustics, anatomy and physiology of the ear; theories of hearing, hearing disorders and their treatment. Basic methods of audiometric testing with limited practicum and observation in a clinical setting. As warranted.

PSYC 340 – Human Learning and Memory (3) This course will provide an overview of the scientific and theoretical approaches to the basic principles of human learning and memory. Particular emphasis will be placed on how these principles apply to educational and therapeutic settings. Prerequisites: PSYC 100 and 300. Fall.

PSYC 350 – Educational Psychology (3) Human behavior in educational settings: the effective teacher, role of motivation, use of tests and testing, exceptional children, learning, teacher roles, classroom management and control. Prerequisites: PSYC 100, 220 or 321, and junior or senior standing. Fall and Spring.

PSYC 361 – Elements of Behavior Modification (3) Basic principles of behavior, their application to human behavior, the influence of social and physical environments and modification of behavior in natural and institutional settings. Prerequisite: PSYC 300 or permission. Offered occasionally.

PSYC 363 – Psychology of Women (3) A survey of women's psychological development from infancy through adulthood and how it is influenced by social and biological factors relevant to women. This course is usually conducted as a seminar. Offered occasionally.

PSYC 364 – Counseling Theory and Methods (3) Provides an introduction to the major historical theories of counseling and some of the counseling methods used by proponents of these theories. Prerequisite: PSYC 370 or 375.

PSYC 370 – Theories of Personality (3) Exposition and critical examination of the major schools of thought in personality theory. Prerequisites: PSYC 100 and 6 hours in psychology.

PSYC 375 – Abnormal Psychology (3) An in-depth investigation into the symptoms and causes of the major diagnoses in use today. Included is the concept of “mental health” vs. “mental illness” and the major theories of abnormality. Prerequisite: PSYC 100.

PSYC 376 – Child Psychopathology (3) This course focuses on issues of childhood mental illness. Examination of psychiatric disorders, issues of abuse and neglect, and social/cultural issues are also examined. Prerequisite: PSYC 375.

PSYC 377 – Forensic Psychology (3) This course covers the major issues related to psychology and the law. It covers such topics as: expert testimony, eyewitness accounts, false memory, lie detection, malingering, jury selection, criminal profiling, interpreting techniques, and the use of psychological testing. It is expected that students will gain a psychological understanding of the legal system. Prerequisite: PSYC 100.

PSYC 380 – Animal Behavior (3) Behavioral adaptations found in broad sampling of vertebrate and invertebrate animal species. Emphasis on systems involved in survival and adaptation. Prerequisite applies to majors only: PSYC 300.

PSYC 381 – Biopsychology (3) Neuropsychological bases of psychological processes. Basic anatomy, chemistry and cell electrophysiology, as related to behavior are emphasized. Sensory processes, sleep and sex are also discussed. Prerequisites: PSYC 100 and 300.

PSYC 382 – Biopsychology Laboratory (3) Advanced instruction and laboratory exercises in human and non-human physiological psychology using contemporary instruments, techniques and methodologies. Prerequisite: PSYC 381. As warranted.

PSYC 383 – Drugs and Behavior (3) This course is a scientific approach to the way in which psychoactive drugs of use and abuse influence brain and behavior. Major addictive drugs such as cocaine, amphetamine, heroin, nicotine, alcohol, and other illicit substances such as LSD, marijuana and synthetic analogs are discussed. Also, psychiatric medications (e.g., antidepressants, anxiolytics and antipsychotics are also discussed in terms of modes of activity and behavior outcomes. Mechanisms of action within the brain, various perspectives of addiction and withdrawal, and treatments will be discussed. Prerequisites: PSYC 100 and 300. Offered occasionally.

PSYC 384 – Cognitive Psychology (3) Cognitive psychology involves the experimental study of mental representation and processing. Topics include: neurology, attention, pattern recognition, reasoning, problem solving, cognitive development, and linguistic processing. Prerequisites: PSYC 100 and 300. Spring.

PSYC 385 – Sensory Psychology I: Vision (3) Processes by which physical stimuli are translated into psychological phenomena and organized into perceptions. Emphasis on vision, taste, touch, smell. Prerequisite: PSYC 300. Fall.

PSYC 386 – Sensory Psychology II: Hearing (3) Transforming acoustic vibrations; encoding and perceiving them as tones, noise, speech, etc. Topics: sound and middle ear function, anatomy and electrophysiology of inner ear and nervous system, psychoacoustic measurement of pitch and loudness, masking, critical bandwidth, frequency discrimination, binaural hearing and perception. Prerequisite: PSYC 300 or permission. Spring.

PSYC 390 – Tests and Measurements (3) Principles of psychological testing and assessment. Test construction and evaluation, clinical techniques, evaluation and comparison, and ethical questions related to these methods. Prerequisites: course in statistics and junior or senior standing. Offered occasionally.

PSYC 392 – Experimental Psychology (4) Basic experimental design for research in some or all of the modern areas of experimental psychology. As warranted.

PSYC 400 – History of Psychology (3) Why is psychology the way it is? Where did it come from and where is it going? Recommended for potential graduate students. Prerequisites: PSYC 100, 300 and senior standing. Fall.

PSYC 401 – Seminar on Evolution (3) Implications and applications of evolutionary theory. Paleoontological, biological and behavioral evidence for evolution, and impact on natural and social sciences. Prerequisite: junior or senior standing. Cross-listed with the Geology Department. Fall.

PSYC 405 – Wittgenstein and Psychology (3) This course examines conceptual problems in psychology through the lens of Ludwig Wittgenstein’s (1889-1951) later writings. Topics include meaning and understanding, rule-following, cognition, intention, and the emotions.
PSYC 409 – Classic Psychology (3) Through this course, and through examining psychological writings that are at least 40 years old, students will come to their own well-reasoned conclusions concerning the definition of “classic psychological writings,” decide why they define “classic” the way they do, discover why certain writings have become classics, and see if there is anything that some or all classic psychological writings have in common that would help explain their remarkable staying power within psychology. Through addressing those issues, students will come to see for themselves what are the core values and fundamental issues that have been important within psychology for decades, and remain salient contemporarily. Prerequisite: A Gen Ed Freshman Speaking course and PSYC 300. GEN ED: SL. Taught Fall/Spring.

PSYC 415 – Research in Psychology (3) Guided research in area chosen by instructor. Topics announced as course is offered. No more than 3 credits of Research in Psychology may be used as elective in psychology, and no more than 6 credits may be taken in student’s career. Prerequisites: junior or senior standing and permission of instructor. Offered occasionally.

PSYC 416 – Research in Psychology (2) Same as PSYC 415.

PSYC 417 – Research in Psychology (1) Same as PSYC 415.

PSYC 424 – Child Maltreatment (3) Exploring the field of knowledge pertaining to child and adolescent maltreatment with emphasis on understanding the impact of maltreatment on child/adolescent development. The course is a seminar with considerable student participation expected. Offered occasionally.

PSYC 444 – @Internship in Psychology (1-5) Student-arranged internship provides direct experience and training in human service settings. Prerequisite: instructor permission and junior or senior standing. As warranted.

PSYC 445 – @Internship in Psychology (6-12) Same as PSYC 444.

PSYC 451 – Psychology and Sci Fi: Honors (3) This course explores the intersection of the field of psychology and science fiction. The rich portrayal of psychology and social science fiction serves as a unique vantage point to understand the impact of science upon literature, film, and what it means to be human in a social setting. Prerequisite: Admission to Honors Program and completion of an introduction to a social science discipline (e.g., PSYC 100, SOCI 101, ANTC 102) or permission of the instructor. Fall.

PSYC 480 – Sociobiology (3) Central theoretical structure of sociobiology, data supporting the theory, implications of the theory and criticisms. Human and animal social behavior. Prerequisite: PSYC 380 or permission. As warranted.

PSYC 484 – Psychology of Language (3) Theory and research on topics such as language development, the biological basis of language, language comprehension and production, and the role of culture.

PSYC493 – Seminar in Psychology (3) Student selection of topics determines content. Instructor presents current issues in psychology throughout semester. Prerequisites: Junior or Senior standing, at least 12 semester hours in psychology or permission. Some sections carry Gen. Ed: SI credit. Offered occasionally.


PSYC 496 – Honors Thesis Research I (3) Selection, preparation and beginning of Honors Thesis. As warranted.

PSYC 499 – Honors Thesis Research II (3) Completion and defense of written Honors Thesis. As warranted.

Statistics

STAT 100 – Statistics (3) Variability, uncertainty, techniques of data description, sampling, hypothesis testing and regression. Not open to students who have completed another entry-level statistics course. Prerequisite: high school algebra or equivalent.

STAT 200 – Correlation and Regression (3) Correlation, regression and their related bivariate and multivariate techniques like discriminant function analysis, path analysis, cluster analysis, factor analysis, etc. Emphasis will be place on the application of these statistical procedures in psychological and social research and theory. Students will gain some experience using SPSS. Prerequisite: STAT 100 or other introductory statistics course. Spring.

STAT 300 – Statistical Methods (3) T-tests, F-tests, multiple regression, analysis of variance, basic non-parametric techniques, some multivariate techniques of hypothesis testing. Prerequisites: STAT 100 or other introductory statistics course.

Department of Sociology & Criminal Justice

Contact Person: Jeremy van Blommestein, Chair
317-3 Satterlee, 315-267-2569, vanblojj@potsdam.edu

Distinguished Service Professor: Frank McLaughlin
Professor: J. Patrick Tubbett, Heather Sullivan-Catlin
Associate Professors: David Bugg, Jeremy van Blommestein, Nancy Lewis
Assistant Professors: Kristen VanHooreweghe

Policies for All Majors and Minors

The following policies apply to all of the Sociology and Criminal Justice Department’s programs:

1. Students must earn a minimum grade of 2.0 in courses counted toward the major/minor.
2. No more than two courses can double count across the majors/minors. Does not include cognate requirement.

Sociology Major (B.A.)

30 credit hours required. Plus 3 credits of cognates.

Sociology is the study of human society and social behavior. People who study sociology will understand the connections among the facets of everyday life. Sociologists analyze social institutions such as family, education, medicine, religion and politics. They examine the role that race, gender, ethnicity, age and social status play in our daily life. With skills in analysis, critical thinking and communication, sociology majors enjoy careers in many fields.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Required Courses</th>
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</thead>
<tbody>
<tr>
<td>12</td>
<td>SOCI 101 Introduction to Sociology</td>
</tr>
<tr>
<td></td>
<td>SOCI 300 Sociological Theory</td>
</tr>
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<td></td>
<td>SOCI 315 Research Methods</td>
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<td>SOCI 475 Senior Seminar</td>
</tr>
</tbody>
</table>

| 18      | Elective Courses in Sociology |

| 3       | Cognate Requirement: one statistics course |

Notes

1. At least 15 credits in sociology must be completed in residence.
2. At least 15 credits in sociology must be upper-division (i.e., 300 or 400 level).
3. Only one course for the major can be taken S/U.

Recommended Coursework Outside the Major

Consult with a departmental adviser.
Sociology Minor
18 credit hours required. Not open to Sociology majors.

All courses are 3 credits unless noted. Credits are divided as follows:

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SOCI 101</td>
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<tr>
<td>SOCI 300</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 315</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives:** three sociology courses 9

**Notes**
- No more than 6 credit hours of this minor may be counted toward the Criminal Justice major.
- At least nine of the credits must be upper division.
- Only one course for the minor can be taken S/U.

Criminal Justice Studies Major (B.A.)
34-36 credit hours required.

**Contact Person:** Jeremy van Blommestein, Chair 317-3 Satterlee, 315-267-2569, vanblojj@potsdam.edu

Criminal Justice Studies is the study of the criminal justice system: the perpetrators, agencies and actors involved in the processing and definition of crime, and the social, political and economic phenomena impacting each. The Criminal Justice Studies major provides a broad interdisciplinary, liberal arts orientation with course requirements in Politics and Sociology and the opportunity for students to elect to study course in Anthropology, Chemistry and Psychology.

All courses are 3 credits unless noted. Credits are divided as follows:

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SOCI 103</td>
<td>3</td>
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<tr>
<td>SOCI 345</td>
<td>3</td>
</tr>
<tr>
<td>POLS 312</td>
<td>4</td>
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</table>

**Elective Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ANTH 380</td>
<td>3</td>
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<tr>
<td>ANTH 402</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 315</td>
<td>3</td>
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<tr>
<td>PHIL 332</td>
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<td>PSYC 424</td>
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<tr>
<td>SOCI 353</td>
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**Statistics Requirement**

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<th>Credits</th>
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<tbody>
<tr>
<td>STAT 100, MATH 125 or CIS 125</td>
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</table>

Upper division electives selected in consultation with adviser from the following list:

- ANTH 380 Human Osteology
- ANTH 402 Forensic Anthropology
- CHEM 315 Forensic Science
- PHIL 332 Philosophy of Law
- PHIL 333 Philosophy of Justice
- POLS 321 Politics and the Judicial Process (4 credits)
- POLS 327 Law and Society (4 credits)
- POLS 334 Democracy Lab (4 credits)
- POLS 412 Constitutional Law (4 credits)
- POLS 413 Civil Liberties I (4 credits)
- PSYC 375 Abnormal Psychology
- PSYC 377 Forensic Psychology
- PSYC 424 Child Maltreatment
- SOCI 353 Comparative Criminology
- SOCI 356 Women and Crime
- SOCI 385 Sociology of Troubled Youth
- SOCI 386 Violent Crime
- SOCI 387 Sociology of Policing
- SOCI 388 Deviance and Social Control
- SOCI 389 Victimology
- SOCI 435 Corrections and Punishment
- SOCI 450 White-Collar and Organized Crime
- SOCI 455 Criminal Justice Policy
- SOCI 470 Field Placement/Practicum
- SOCI 475 Senior Seminar in criminal justice topic area/criminal justice policy

Criminal Justice Studies Minor
19-21 credit hours required. Open with restrictions to Sociology majors.

Criminal Justice is the study of the criminal justice system: the perpetrators, agencies and actors involved in the processing and definition of crime, and the social, political and economic phenomena impacting each. This minor – in conjunction with majors in cognate disciplines – enhances potential and background for career-entry employment in one of the subsystems of the criminal justice system, e.g., adult or juvenile corrections, law enforcement and security.

All courses are 3 credits unless noted. Credits are divided as follows:

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>SOCI 103</td>
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<td>PSYC 424</td>
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<td>SOCI 353</td>
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**Statistics Requirement**

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Upper division electives selected in consultation with adviser from the following list:

- ANTH 380 Human Osteology
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- SOCI 387 Sociology of Policing
- SOCI 388 Deviance and Social Control
- SOCI 389 Victimology
- SOCI 435 Corrections and Punishment
- SOCI 450 White-Collar and Organized Crime
- SOCI 455 Criminal Justice Policy
- SOCI 470 Field Placement/Practicum
- SOCI 475 Senior Seminar in criminal justice topic area/criminal justice policy
Human Services Minor
22-24 semester hours required. Open with certain restrictions to all majors.

Contact Person: J. Patrick Turbett, Coordinator
313 Satterlee, 315-267-2567, turbetjp@potsdam.edu

The Human Services Minor is an interdisciplinary minor housed in Sociology and offered principally within the Departments of Sociology, Psychology, Community Health, and Politics. The minor provides an opportunity for students to develop a critical understanding of the human services area through examination of the related disciplines. An appreciation for differing perspectives and an understanding of values and their effects are also gained.

No more than 6 semester hours of this minor may be counted toward the following majors: Sociology, Psychology, Politics, or Community Health. The minor consists of three core required courses, a choice of one of four concentrations and electives.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Required Core Courses</th>
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</thead>
<tbody>
<tr>
<td>10</td>
<td>SOCI 325 Sociology of Social Services</td>
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<tr>
<td></td>
<td>PSYC 364 Counseling Theory and Methods</td>
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<tr>
<td></td>
<td>POLS 323 Welfare Policy Research (4 credits) OR</td>
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<td>SOCI 420 Rich and Poor in America</td>
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</table>

One of the following concentrations: 9-10

**Child Welfare/Youth Services (9-10 credits)**

<table>
<thead>
<tr>
<th>Credits</th>
<th>One of the following:</th>
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<tbody>
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<td>9</td>
<td>HLTH 250 Drug Studies</td>
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<tr>
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<td>HLTH 325 Alcohol Studies</td>
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<td>HLTH 331 Death and Dying</td>
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<td>HLTH 341 Sexual Health</td>
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<td>POLS 410 Politics of the Family (4 credits)</td>
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<td>PSYC 220 Child Development</td>
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<td>PSYC 321 Psychology of Adolescence</td>
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<tr>
<td></td>
<td>SOCI 385 Sociology of Troubled Youth</td>
</tr>
<tr>
<td></td>
<td>WILD 445 Therapeutic Recreation</td>
</tr>
</tbody>
</table>

**Aging (9 credits)**

<table>
<thead>
<tr>
<th>Credits</th>
<th>One of the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>HLTH 331 Death and Dying</td>
</tr>
<tr>
<td></td>
<td>PSYC 323 Adulthood, Middle Age and Aging</td>
</tr>
<tr>
<td></td>
<td>SOCI 380 Family Violence</td>
</tr>
</tbody>
</table>

**Health (9 credits)**

<table>
<thead>
<tr>
<th>Credits</th>
<th>One of the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>SOCI 465 Sociology of Health and Illness</td>
</tr>
<tr>
<td></td>
<td>HLTH 361 Introduction to Community Health</td>
</tr>
<tr>
<td></td>
<td>HLTH 341 Sexual Health</td>
</tr>
<tr>
<td></td>
<td>HLTH 385 Epidemiology and Biostatistics</td>
</tr>
<tr>
<td></td>
<td>HLTH 430 Human Disease: Patterns, Prevention and Intervention</td>
</tr>
<tr>
<td></td>
<td>SOCI 320 Work and Complex Organizations</td>
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<tr>
<td></td>
<td>SOCI 375 Women and Work</td>
</tr>
<tr>
<td></td>
<td>SOCI 390 Sociology of Mental Illness</td>
</tr>
</tbody>
</table>

**Mental Health (9 credits)**

<table>
<thead>
<tr>
<th>Credits</th>
<th>One of the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>SOCI 390 Sociology of Mental Illness</td>
</tr>
<tr>
<td></td>
<td>PSYC 375 Abnormal Psychology</td>
</tr>
<tr>
<td></td>
<td>HLTH 250 Drug Studies</td>
</tr>
<tr>
<td></td>
<td>HLTH 325 Alcohol Studies</td>
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<tr>
<td></td>
<td>PSYC 370 Theories of Personality</td>
</tr>
<tr>
<td></td>
<td>PSYC 376 Child Psychopathology</td>
</tr>
</tbody>
</table>

**Electives 3-4**

Choose one elective from any of the other courses listed above (in any concentration) or from the following list of supporting courses:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Supporting Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>ANTH 345 Medical Anthropology</td>
</tr>
<tr>
<td></td>
<td>ANTH 347 Humans, Disease and Death</td>
</tr>
<tr>
<td></td>
<td>HLTH 300 Environmental Health</td>
</tr>
<tr>
<td></td>
<td>HLTH 344 Issues in Lesbian, Gay, and Bisexual Health</td>
</tr>
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<td></td>
<td>PSYC 270 Issues in Exceptionality</td>
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<tr>
<td></td>
<td>PSYC 322 Mental Retardation</td>
</tr>
<tr>
<td></td>
<td>PSYC 330 Social Psychology</td>
</tr>
<tr>
<td></td>
<td>PSYC 361 Elements of Behavior Modification</td>
</tr>
<tr>
<td></td>
<td>PSYC 383 Drugs and Behavior</td>
</tr>
<tr>
<td></td>
<td>PSYC 390 Tests and Measurements</td>
</tr>
<tr>
<td></td>
<td>SOCI 310 Racial and Ethnic Relations</td>
</tr>
<tr>
<td></td>
<td>SOCI 355 Individual and Society</td>
</tr>
<tr>
<td></td>
<td>SOCI 420 Rich and Poor in America</td>
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<tr>
<td></td>
<td>SOCI 470 Field Research/Practicum**</td>
</tr>
</tbody>
</table>

**SOCI 470 involves an internship. All Human Services minors are strongly encouraged to do an internship. Internships can be arranged at local St. Lawrence County human service agencies or at an agency in the student’s home area.**

Sociology and Criminal Justice Course Descriptions

Courses are offered each semester unless otherwise designated.

<table>
<thead>
<tr>
<th>Credits</th>
<th>SOCI 195, 295, 395, 495 – Special Topics (1-12)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SOCI 198, 298, 398, 498 – Tutorial (1-3)</td>
</tr>
<tr>
<td></td>
<td>SOCI 101 – Introduction to Sociology (3) Sociology as study of human behavior, social groups, socialization, stratification and social change; a consideration of basic social institutions. Gen Ed: SA credit. Fall and Spring.</td>
</tr>
<tr>
<td></td>
<td>SOCI 102 – Contemporary Social Problems (3) American capitalism; nature of sexual, racial and economic inequality; contemporary American institutions; family, educational systems and systems of social control; and American culture. Gen Ed: SA, FC credit. Fall and Spring.</td>
</tr>
<tr>
<td></td>
<td>SOCI 103 – Intro Criminal Justice Studies (3) This course will introduce students to the debates, theories, and research methodologies that help us understand the organization and relationships that created and continue to maintain the criminal justice system.</td>
</tr>
</tbody>
</table>
This course will examine the issue of caregiving across the life span from micro, macro, and global perspectives. Prerequisite: SOCI 101.

SOCI 300 – Sociological Theory (3) Explores the origin and development of classical sociological theories in the 19th and 20th centuries, their expression in contemporary sociological theorizing, and their relevance in the global society of the 21st century. Prerequisite: Six (6) sociology credits at SUNY Potsdam.

SOCI 305 – Sociology of the Family (3) Family as social institution. Emphasis on structure and function of family; cross-cultural comparisons; analysis of contemporary American family systems. Prerequisite: SOCI 101.

SOCI 309 – Sociology of Culture (3) Investigates the relationship between social structures and cultural expressions from a cross-cultural and interdisciplinary perspective. Emphasis will be on the arts, media and popular culture. As warranted.

SOCI 310 – Racial and Ethnic Relations (3) Factors involved in intergroup relations; principal minority groups in United States, research findings in prejudice and discrimination; programs aimed at amelioration of intergroup tensions. Prerequisite: SOCI 101. Fall.

SOCI 313 – Global Cultures (3) This course introduces students to cultural variation and fragmentation among the areas of the world referred to as the Third World. Geographically, the notion is identified with non-western cultures of Africa, Asia, the Caribbean and Latin America. Prerequisite: SOCI 101. Gen Ed: XC credit. As warranted.

SOCI 315 – Research Methods (3) Research design in sociology: formulation of research problems, hypotheses, data-gathering techniques, measurement of variables and statistical analysis. Prerequisite: SOCI 101 or SOCI 103. Fall and Spring.

SOCI 320 – Work and Complex Organizations (3) An examination of change in organization of work influenced by workers, management and global economic forces. Topics include: scientific management, human relations, employee involvement, deindustrialization, occupational hazards, gender and race relations, underground economy, influences of work in Japan, Sweden and Mondragon on U.S. Prerequisite: SOCI 101. As warranted.

SOCI 325 – Sociology of Social Services (3) Organized and emerging public and private social service and social welfare efforts in terms of sociological and social science literature. Prerequisite: SOCI 101. Fall.

SOCI 330 – Social Thanatology (3) Sociological and social-psychological aspects of dying and death; demography of death and its consequences for society; changing attitudes toward dying and death; medical personnel and dying; suicide and euthanasia; problems in defining when death has occurred; and functions of funerals. Prerequisite: SOCI 101. Spring.

SOCI 333 – Technology and Society (3) Pessimistic assessment of the technological society, its threat to the core values of western civilization that looks to extend individuality, freedom, equality and toleration. Attacks misuse of scientific and technological reason in the area of the social. Prerequisite: SOCI 101. As warranted.

SOCI 335 – Sociology of Aging (3) Social processes and problems of aging. Changes in age structure of society and how it affects societal institutions. Issues of older individuals; health, finances, work, sex, death and social policy. Prerequisite: SOCI 101. Fall.

SOCI 336 – Caring for America (3) This course will examine the issue of caregiving across the life span from micro, macro, and global perspectives. Prerequisite: SOCI 101. Spring.

SOCI 337 – Music and Society (3) The purpose of this course is to provide students with insight into the various functions popular music has in constructing, influencing, and maintaining human life. As a form of secondary socialization, media presentations of popular music from the Big Band era to the present will be examined through the lenses of the theoretical perspective of Symbolic Interactionism. An historical retracing of the rise of popular music will be provided as grounding for examinations of current styles. As warranted.

SOCI 340 – Environment and Society (3) An examination of worldwide environmental crisis. Topics: energy, non-renewable resources, hazardous wastes, the ecological implications of technological change, agricultural and food issues, in the context of social systems, beliefs and institutions. Gen Ed: SA credit. As warranted.

SOCI 341 – Environmental Justice (3) This course will examine the relationship between social inequality and environmental issues. How are environmental goods and bads distributed across social groups? Course topics will include the citing of hazardous waste sites, the degradation of Native environmental amenities, among other topics. This course will explore the role of knowledge production, gender, and grassroots activism in environmental justice issues. The course will also provide students with a history of the Environmental Justice movement in the United States. Prerequisite: Sophomore standing. Fall.

SOCI 345 – Criminology (3) This course introduces the concepts of criminology, focusing on definitions and different approaches to understanding these phenomena. Social and psychological explanations of criminal acts as well as the topologies of crimes will be included. Prerequisite: SOCI 101 or SOCI 103. Fall.

SOCI 350 – Social Movements (3) This course presents a sociological and historical examination of the major theoretical perspectives on social movements. The goal is to acquire an understanding of the processes of social movement emergence, development, and outcomes. We will investigate such movement dynamics as recruitment, organizational structure, leadership, tactics, and counter movements. Through our exploration of social movement theory we will examine a variety of specific movements, past and present. Minimum requirement of Junior standing. As warranted.

SOCI 353 – Comparative Criminology (3) An introduction to the major topics and issues in comparative criminology - the nature, causes, and responses to crime from a comparative perspective. Emphasis on comparative (2 or more societies) and cross-national studies of criminological phenomena. Prerequisite: Junior/Senior standing and SOCI 103. Gen Ed: XC & WI credit.


SOCI 366 – Sociology of Sexualities (3) This course takes a sociological perspective on sexuality, beginning from the premise that sexuality-sexual desire, preference, behavior and identity is shaped through social interaction and within the context of multiple social institutions. The course focuses on sexuality as a site of power struggles, struggles over the definition of which identities and behaviors are normative and which are deviant. Emphasis is on the ways in which sexuality and other social categories, such as gender, race and class intersect and overlap, creating different life experiences for individuals and their families. The course explores the connections between larger sociopolitical and economic processes and changing sexual beliefs, norms and identities. Contemporary sexual politics are analyzed, emphasizing topics about which there is significant public debate. Prerequisite: SOCI 101 or SOCI 150 or WMST 100 or instructor permission. Gen Ed: LA credit.

SOCI 370 – Sociology of Film (4) Explores the theoretical and practical concerns of sociology through film representation. Constructs critical sociological theories of film making and film viewing. As warranted.

SOCI 371 – Globalization and the Environment (3) This course examines the socio-environmental consequences of globalization. The course begins with a discussion of general understandings of globalization and the major social institutions involved (e.g. corporations, intergovernmental policy agencies before moving to an analysis of the socio-environmental consequences of globalization (e.g. climate change, biodiversity loss, infectious disease, urbanization). The course examines the con-
Connections between international political and economic policies, local environmental and social conditions, and international and intra-national inequality. Further, the course explores international policy responses to global environmental problems, as well as local and transnational social movements resisting globalization and its environmental consequences.

SOCI 375 – Women and Work (3) This course will examine different issues concerning “women’s work”: biological determination of the division of labor; the origin of women’s subordinate role in the workplace; the work experience of women of different classes and races; occupational sex segregation; sexual harassment; the gender gap in wages; and women in the professions. Prerequisite: SOCI 101. Spring.

SOCI 376 – Women and Crime (3) This course focuses on the reciprocal relationship between gender and the criminal justice system. The criminal justice system acts as a major system of “gendered” social control, reinforcing the boundaries of socially appropriate femininity and masculinity. Prerequisite: SOCI 101 or SOCI 103. Spring.

SOCI 415 – Sociology of Education (3) The Sociology of Education is a critical review of major works in the area of sociology of education. Prerequisite: SOCI 101. As warranted.


SOCI 420 – Rich and Poor in America (formerly Social Class and Social Mobility) (3) Examines the causes, consequences and dimensions of inequality in the U.S. Course evaluates dimensions of educational, environmental, racial, and gender inequality.

SOCI 430 – City and Society (3) Factors associated with development of urban communities; characteristic urban institutions, suburban development; urban planning; ecological processes. Prerequisite: SOCI 101. As warranted.

SOCI 435 – Correction and Punishment (3) Programs, processes, changing orientations and resistance to innovation in corrective system. Adjudication through probation, incarceration and parole; reintegration of offender; effects on inmates, administrations, policy makers and general public. Prerequisite: SOCI 101 or SOCI 103. Offered yearly, Fall or Spring.

SOCI 440 – The Sociology of Food (3) This course is an examination of social and cultural forces shaping the production, distribution, preparation and consumption of food with an emphasis on the environmental and social impacts of the predominant global, industrialized agricultural system. Topics will range from the local to the global and will include consumption practices, food access and social problems related to the food system. Prerequisite: SOCI 315. Fall.

SOCI 450 – White-Collar and Organized Crime (3) Sociological examination of two pervasive forms of illegal behavior; focus: complex interrelationship of crime patterns to social, economic and political structures and cross-national aspects. Major emphases: analyses of recent research related to organizational facets of white-collar crime in corporate, professional and political dimensions; three major areas of organized criminal patterns, myths and reality of this aspect of the crime problem. Prerequisite: SOCI 101 or SOCI 103. As warranted.

SOCI 455 – Deviance and Social Control (3) Social definitions of deviance, i.e., changing perspectives and concepts related to legal and non-legal nonconformity. Relevant changing justifications and arrangements for social control. Socio-historical case-study approach analyzes and describes various types of deviant behavior. Prerequisite: SOCI 101 or SOCI 103. Spring.

SOCI 456 – Political Sociology (3) Political behavior. Emphasis on participation of individuals in political enterprise. Political socialization and public opinion formation; consequences of such phenomena as stratification, alienation and authoritarianism. Prerequisite: SOCI 101. As warranted.

SOCI 460 – Population Studies (3) Interrelationship of population structure and processes and socio-cultural phenomena; social demographic theory, methods and measurement applied to processes of fertility, mortality and migration; international population change. Prerequisite: SOCI 101. As warranted.

SOCI 465 – Sociology of Health and Illness (3) Aspects of Illness behavior and interface of individuals and health care system. Epidemiology of diseases, approaches to wellness, and health care policy are also examined. Prerequisite: SOCI 101. Fall.

SOCI 470 – Field Research/Practicum (3-12) Fieldwork or placement at an agency of the student’s choice under supervision of faculty member. A field study of sociologically significant situations, problems and/or issues will be completed. Pre-requisites: Appropriate upper-division sociology or criminal justice studies coursework in consultation with sponsoring faculty member and permission. May be taken twice, but no more than 6 credits counted for major.

SOCI 475 – Senior Seminar (3) Methodology of sociological research; individual and cooperative investigation of selected topics; presentation and critique of findings. Prerequisites: Senior standing and permission. Gen Ed: SI, WI credit.

SOCI 510 – Readings in Sociological Theory (3) Individualized study consisting of a critical review of major works in sociological theory.

SOCI 520 – Readings in Sociological Methods (3) Individualized study consisting of a critical review of major works in research methods.

SOCI 540 – Readings in Urban Sociology (3) Individualized study consisting of a critical review of major works in the field of sociology.

SOCI 550 – Readings in Sociology of the Family (3) Individualized study consisting of a critical review of major works in the field of sociology of the family.

SOCI 560 – Readings: Deviance and Corrections (3) Individualized study consisting of a critical review of major works in the fields of sociology of deviance and corrections.

SOCI 570 – Readings in the Sociology of Education (3) Individualized study consisting of a critical review of major works in the area of sociology of education.
Department of Theatre and Dance

Contact Person: Don Borsh, Chair, 222 Performing Arts Center, 315-267-2233, borshdp@potsdam.edu

Professor: Robin Collen
Associate Professors: Don Borsh, Kimberly Bouchard, Todd Canedy, James W. Pecora, Janet Sussman
Technical Director: Jeff Reeder
Costume Designer/Shop Manager: Alexis Foster
Lecturers: Don Mandigo, Joshua Vink
Adjunct Instructors: Doyle Dean, Jenna Delmonte, Kristie Fuller, Mary Beth Robinson

Dance Major (B.A.)
35 credit hours required. Plus 9-10 credits of cognates.

All courses must be passed with a grade of 2.0 or higher to count towards the major.

The SUNY Potsdam Dance Program is housed in the Department of Theatre and Dance. A Bachelor of Arts degree is available to students who have a strong interest in dance and choose the dance major. Students may also choose to minor in dance, while pursuing another major or a double major. The goals for the B.A. program focus on preparing students for careers in the dance professions as artists and teachers, and to pursue graduate study. We strive to develop dance artists and educators who possess an integrated knowledge of the aesthetic, critical, historical, cultural, choreographic, and performance dimensions of the discipline of dance.

Through our close alignment with the Theatre Program students broaden their experiences and expand their interests in such areas as acting, technical theatre, and design. Every three years the Department of Theatre and Dance joins the Crane Opera Ensemble for a musical production: Cabaret (2002), Working (2004), Urinetown–The Musical (2007), and Ragtime (2013).

Dance at SUNY Potsdam also allows for a wide variety of combinations of interdisciplinary work in such areas as theatre, music, psychology, community health, archeology, anthropology, history, business, and communication. These combined courses of study prepare students for further investigation and work in such fields as dance therapy, nutrition, fitness, dance ethnology, arts administration, and private studio ownership.

Students in the major program focus on two tracks: Technique and Composition. The dance curriculum is enriched through the study of such topics as improvisation, repertory, Laban Movement Analysis, dance education, history, Pilates-based conditioning, and yoga. Students’ technique levels are determined during a placement class.

Interested students, regardless of major, are also invited to join the Student Government Association organization, Dance Ensemble. Dance Ensemble sponsors student-choreographed productions, travel to the American College Dance Festival and other dance events.

All courses are 3 credits unless noted. Credits are divided as follows:

Core Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANC 211</td>
<td>Dance Improvisation</td>
</tr>
<tr>
<td>DANC 311</td>
<td>Dance Composition I</td>
</tr>
<tr>
<td>DANC 319</td>
<td>Movement, Theory and Notation</td>
</tr>
<tr>
<td>DANC 321 &amp; 322</td>
<td>Modern Dance II (2 @ 4 credits)</td>
</tr>
</tbody>
</table>

Technique Requirements: chosen from the following

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANC 234 &amp; 235</td>
<td>Intermediate Ballet (2 @ 2 credits)</td>
</tr>
<tr>
<td>DANC 421 &amp; 422</td>
<td>Modern Dance III (2 @ 4 credits)</td>
</tr>
<tr>
<td>DANC 441 &amp; 442</td>
<td>Modern Dance IV (2 @ 4 credits)</td>
</tr>
</tbody>
</table>

Composition Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANC 312</td>
<td>Dance Composition II</td>
</tr>
<tr>
<td>DANC 325</td>
<td>New Repertory (1 credit minimum)</td>
</tr>
</tbody>
</table>

Remaining credits chosen from:

- DANC 390 Special Projects: Dance Composition (1-3 credits)
- DANC 498 Senior Choreographic Project (1-3 credits) OR Additional Credits of DANC 325

Electives: chosen from the following

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANC 130</td>
<td>Understanding Dance (4)</td>
</tr>
<tr>
<td>DANC/DRAM 205</td>
<td>Production Techniques: Lecture and Lab (4)</td>
</tr>
<tr>
<td>DANC 212</td>
<td>Pilates Based Conditioning</td>
</tr>
<tr>
<td>DANC 304</td>
<td>Dance Education K-4 (4)</td>
</tr>
<tr>
<td>DANC 320</td>
<td>20th/21st Century Dance</td>
</tr>
<tr>
<td>DANC 391</td>
<td>Special Project: Dance History (1-3)</td>
</tr>
<tr>
<td>DANC 450</td>
<td>Teaching of Dance</td>
</tr>
<tr>
<td>DANC 490</td>
<td>Special Project: Teaching</td>
</tr>
<tr>
<td>DANC 491</td>
<td>Special Project: Movement Theory and Notation (1-3)</td>
</tr>
<tr>
<td>DANC 3xx/4xx</td>
<td>Approved Special Projects course</td>
</tr>
</tbody>
</table>

The following may be applied as electives on advisement:

- DANC/DRAM 233 Costume Construction (4)
- DANC/DRAM 244 Stage Management
- DANC/DRAM 206 Fundamentals of Technical Theatre (4)
- DANC/DRAM 206 Lighting Design for the Stage (DANC/DRAM 206 or DANC 311 prerequisite)
- DRAM 251 Foundations of Design for the Stage
- DRAM 331 Costume Design
- DRAM 333 Stage Makeup and Mask Design (4)
- INTD 3xx or 4xx Internship as approved by adviser (3-12)
- MULH 110 Music Through the Ages

Required Cognate Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRAM 101</td>
<td>Introduction to Performance Studies</td>
</tr>
<tr>
<td>DRAM 235</td>
<td>Introduction to Acting</td>
</tr>
<tr>
<td>DANC/DRAM 207</td>
<td>Technical Theatre Production I, two 1-credit units (2)</td>
</tr>
<tr>
<td>DANC/DRAM 307</td>
<td>Technical Theatre Production II, two 1-credit units (2)</td>
</tr>
</tbody>
</table>

Note: Students who have completed either DANC/DRAM206 or DANC/DRAM 223 (3+1cr. Lab) must complete:

- DANC/DRAM 207 Technical Theatre Production I, one 1-credit unit (1)
- DANC/DRAM 307 Technical Theatre Production II, two 1-credit units (2)
Special Notes
1. An interview is recommended to declare a dance major. An audition is not currently required.
2. Appropriate technique levels for students are determined during a placement class. Only credit from the above-listed technique courses will be applied toward the fulfillment of the required technique track of the major. The focus of the technique track is modern dance. The academic adviser or program chair will determine applicable credit hours from other dance genres, such as ballet.
3. Students in the major are expected to focus their studies on technique and composition courses. They will continue their studies with enrichment courses in history, repertory, movement theory, and/or dance education.
4. A minimum of 16 credit hours for the major must be taken at the upper-division level.

Dance Majors are required to:
1. Attend all dance auditions.
2. Perform in a minimum of 1 faculty or guest artist concert work.
3. Attend all workshops and classes of visiting guest artists.
4. Attend all required Department of Theatre and Dance productions.
5. Participate in an end-of-year assessment interview with adviser or other members of the dance faculty.

Dance Major Policies on Student Grades and Performing
1. Any student receiving a grade of 1.0 or less for any course offered through the Department of Theatre and Dance will be ineligible for casting in any student directed or choreographed production during the semester immediately following the semester in which the failing grade is issued. Eligibility in faculty directed or choreographed productions will be left to the discretion of the directing faculty member and the Department Chair.
2. To participate as a choreographer (for the Student Choreographers’ Concert or Senior Choreographers’ Concert) a student’s overall GPA must be at least a 2.0, and the GPA in dance courses must be at least a 2.3 during the semester preceding the concert.

Dance Minor
21-22 credit hours required.

All courses must be passed with a grade of 2.0 or higher to count towards the minor.

Students may declare a dance minor at any time during their college career.

All courses are 3 credits unless noted. Credits are divided as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANC 321</td>
<td>1</td>
</tr>
<tr>
<td>DANC 322</td>
<td>4</td>
</tr>
<tr>
<td>DANC 421</td>
<td>1</td>
</tr>
<tr>
<td>DANC 422</td>
<td>4</td>
</tr>
<tr>
<td>DANC 441</td>
<td>1</td>
</tr>
<tr>
<td>DANC 442</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANC 211</td>
<td>1</td>
</tr>
<tr>
<td>DANC 302</td>
<td>4</td>
</tr>
<tr>
<td>DANC 311</td>
<td>1</td>
</tr>
<tr>
<td>DANC 312</td>
<td>1</td>
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<tr>
<td>DANC 319</td>
<td>1</td>
</tr>
<tr>
<td>DANC 325</td>
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<tr>
<td>DANC 411</td>
<td>1</td>
</tr>
<tr>
<td>DANC 498</td>
<td>3</td>
</tr>
</tbody>
</table>

Dance Course Descriptions
Courses are offered each semester unless otherwise designated.

@ = Indicates a non-liberal arts course. Please refer to page 38 for a description of non-liberal arts credits.

DANC 195, 295, 395, 495 – Special Topics (1-12)
DANC 198, 298, 398, 498 – Tutorial (1-3)
DANC 100 – Mind of the Artist (4) An introduction to the nature of art and the process of its creation, with special emphasis on the study of dance and theatre. Gen Ed: FS & AC credit. Cross-listed as DRAM 100. Fall and Spring.
DANC 101 – Introduction to Performance Studies (3) An introductory course that explores the theories and evidence for the origins of performance and how different cultures create performance arts events and rituals. Gen Ed: AC & FC credit. Cross-listed as DRAM 101. Fall.
DANC 110 – Beginning Ballet (2) Introduction to ballet basics for students who have no applied dance background. Recommended for students in related performing arts who wish to have some dance experience. Class and concert attendance required. Gen Ed: AE & PE credit. As warranted.
DANC 111 – Beginning Modern Dance (2) Modern dance training for students who have no applied dance background. Recommended for students in related performing arts who wish to have some dance experience. May be used toward physical education requirement. Class and concert attendance required. Gen Ed: AE & PE credit. As warranted.
DANC 112 – Beginning Jazz Technique (2) Dance training in the jazz style for students who have no applied dance background. Recommended for students in related performing arts who wish to have some dance experience. May be used toward physical education requirement. Class and concert attendance required. Gen Ed: AE & PE credit. As warranted.
DANC 114 – Beginning Kripalu-Style Yoga (2) Introduction to asana (posture practice) pranayama breath control, meditation techniques, history, and underlying philosophy of Hatha Yoga and Swami Kripalu. Class attendance required. Gen Ed: PE credit. As warranted.
DANC 116 – @Pilates Practice (2) Studio course to increase body awareness, balance, strength, flexibility and coordination through methods and theories of Joseph Pilates. Gen Ed: PE credit. As warranted.
DANC 120 – Performance Explorations (3) An introductory interdisciplinary course designed to provide students of dance and theatre with fundamental skills in personal expression, improvisation, and communication as a performing artist. Gen Ed: AE credit. Cross-listed as DRAM 120. Fall.
DANC 130 – Understanding Dance (4) This course is an introduction to dance history and dance appreciation. The course develops one's ability to look at and understand dance as a vital art form. The purpose of this course is to provide students with an overview of dance--as an art form, a cultural activity, and a mode of creative expression. This course will introduce students to some of the key people, events, and concepts that underlie the development of Western Theatrical Dance--primarily ballet, modern dance, and jazz dance. Students will be involved in (a) the viewing, discussing, and critiquing of dance in live and video formats, (b) reading and writing about dance (c) physically exploring elements of dance, and (d) making speeches and other public oral presentations about dance. Gen Ed: AC & WI credit. As warranted.
DANC 205 – Production Techniques: Dance/Drama/Music (3) Basic skills and procedures in producing theatrical productions, including lighting, costume design and construction, running crew, and set construction. Lab required. Gen Ed: AE credit. Cross-listed as DRAM 205. Spring.
DANC 207 – Technical Theatre Production I (1) This practicum course comprises hands-on work in the shops and back stage areas during the production process. Students will apply the knowledge and experience gained in DANC/DRAM 206 or DRAM 223 towards completing a minimum of 20 total hours of shop-related work for the semester, as well as fulfilling a production-related responsibility (various back-stage and related crews, front of house, publicity, for ex.) attached
to a department-supported production. (prerequisite: DANC/DRAM 206 or DRAM 233) Fall and Spring.

DANC 211 – Dance Improvisation (3) Studio course designed to develop an awareness of individual movement patterns and the use of those patterns in expression. Emphasis on individual creative imagination and cooperative group relationships. Class attendance required. Concurrent enrollment in dance technique class strongly recommended. Gen Ed: AE credit. Spring.

DANC 212 – Pilates-Based Conditioning (3) The purpose of this course is to increase body awareness, balance, strength, flexibility, range of motion and coordination through the method and theories of Joseph Pilates. Focus is on Pilates-based mat and pre-mat exercises, and anatomical principles and their application to the exercises. Class attendance required. Gen Ed: PE credit. As warranted.

DANC 221 – Modern Dance I (4) Educating the body as an instrument for artistic expression. Emphasis on development of flexibility, strength, coordination and awareness of principles of motion. Class and concert attendance, and reading/writing assignments required. Prerequisite: Instructor permission and previous dance experience. Gen Ed: AE & PE credit. Fall.

DANC 222 – Modern Dance I (4) Continuation of DANC 221. Prerequisite: DANC 221. Gen Ed: PE credit. Spring.

DANC 223 – @Costume Construction (4) Lab required. Methods used in the planning and construction of costumes for the theatre with a focus on how theatrical costume construction differs from clothing construction for the consumer market. Emphasis includes theatrical construction, cutting, fitting, fabric and fiber analysis and adaptations for stage performance. Lab: Students work in small groups with close faculty supervision on projects from the seminar section, or costumes for a current production. Cross-listed as DRAM 223. Gen Ed: AE. Fall.

DANC 231 – Ballet I (3) Classical ballet. Focus on correct use of the body, working knowledge of French terminology, awareness of music, mastery of quality of movement and historical context in which this art form developed. Class and concert attendance, and reading/writing assignments required. Prerequisites: Previous dance experience and permission. Gen Ed: AE & PE credit. As warranted.

DANC 232 – Ballet I (3) Continuation of DANC 231. Class and concert attendance, and reading/writing assignments required. Prerequisites: Previous dance experience and permission. Gen Ed: AE & PE credit. As warranted.

DANC 234 – Intermediate Ballet (2) Classical ballet. Focus on correct use of the body, working knowledge of French terminology, awareness of music, mastery of quality of movement and historical context in which this art form developed. Class and concert attendance, and reading/writing assignments required. Prerequisites: Previous dance experience and permission. Gen Ed: AE & PE credit. Fall.


DANC 244 – @Stage Management (3) Introduction to the knowledge and skills of stage management for theatre, dance and music events. Other aspects of performance management are studied such as box office, production, company and house management. Gen Ed: AE credit. Cross-listed as DRAM 244. Spring.

DANC 302 – Dance Education and Performance for Children K-4 (4) Recommended for students in dance and/or elementary education programming. Provides students with hands-on techniques, strategies and information for teaching standard elementary school (K-4) curricular content, using dance and movement as additional teaching modalities. Prerequisite: sophomore standing. Concurrent registration in a dance technique class recommended but not required. Gen Ed: SI, PE, & AE credit.

DANC 307 – Technical Theatre Production II (1) This upper-division advanced practicum course comprises hands-on work in the shops and back stage areas during the production process. Students will apply the knowledge and experience gained in DRAM 207 Technical Production I. Students are required to complete a minimum of 20 total hours of shop-related work for the semester. Students will also complete an advanced production responsibility (crew leader, stage, house or publicity management, for ex.) attached to a department-supported production. (prerequisite: DRAM 207). Fall and Spring.

DANC 309 – @Performance and Production (1-3) Supervised experience in various phases of dance production, e.g performance, directing, production management, backstage technical work, and publicity. Prerequisite: Permission of instructor. Fall.

DANC 310 – @Performance and Production (1-3) Supervised experience in various phases of dance production, e.g performance, directing, production management, backstage technical work, and publicity. Prerequisite: permission. Spring.

DANC 311 – Dance Composition I (3) Original studies developed through exploration of movement concepts. Prerequisite: DANC 211 or equivalent previous training. Corequisite: Dance technique class. Gen Ed: AE. Fall.

DANC 312 – Dance Composition II (3) Continuation of Dance Composition I to further develop choreographic skills. Emphasis on content and structure to facilitate an increased movement vocabulary. Prerequisite: DANC 311. Corequisite: Dance technique class. Gen Ed: AE credit. Spring.

DANC 319 – Movement, Theory and Notation (3) Introduction to Laban Movement Analysis. Includes physical exploration and studies in observation, analysis and motif notation. Class attendance required. Prerequisites: sophomore standing and previous dance experience. Gen Ed: AE credit. Fall, even years.

DANC 320 – 20th/21st Century Dance History (3) The study of important artists, events and choreographic works from 1900 to the present day. Emphasis will be on modern and contemporary choreographers in the U.S. Prerequisite: FW course and sophomore standing.


DANC 323 – Modern Dance Repertory (3) Comparative study of choreographers through representative works, readings, class discussions, film study and individual research. Some dance experience recommended. Corequisite: Dance technique class. As warranted.

DANC 325 – New Repertory (1) Participation as a performer in building new dances, by faculty or guest artists. Analysis of the choreographic process through journal writing and group discussion. By audition. Corequisite: Dance technique class. As warranted.


DANC 332 – Ballet II (3) Continuation of DANC 331. Class and concert attendance, and reading/writing assignments required. Prerequisites: DANC 331 and permission. Gen Ed: AE & PE credit. As warranted.

DANC 334 – @Stage Management Practicum (1-3) Students engage in a production-based project to explore and develop advanced stage management techniques and develop leadership skills in the performing arts. Fall and Spring.

DANC 355 – Lighting Design for the Stage (3) An introduction to the art and craft of designing lighting for performances. Students will develop techniques for rendering and drafting lighting designs using computer software. Projects for staged productions will be assigned including designs for plays and dance works. Prerequisite: DRAM/DANC 205, DRAM 206, or DRAM 251. Gen Ed: AE credit. Cross-listed as DRAM 355. Spring, odd years.

DANC 385 – Special Projects: Technique (1-3) For students who have completed the Modern Dance technique sequence who wish to continue technical training. Variable credit based on individual needs. Prerequisites: DANC 442 and permission. Gen Ed: AE & PE credit. As warranted.

DANC 390 – Special Projects: Dance Composition (1-3) This course functions in two ways: 1. A course in which students choreograph works for the Student Choreographers’ Concert. Prerequisite: DANC 211. Corequisite: Dance technique class. Fall. 2. An individual program of study in choreography, designed by the student.
and faculty member. The program is to be approved and supervised by a member of the dance faculty. Prerequisites: DANC 211, 311, and permission. As warranted.

DANC 391 – Special Projects: Dance History (1-3) An individual program of study in a specified area of dance history designed by the student and faculty member. The program is to be approved and supervised by a member of the dance faculty. Prerequisites: DANC 130 and permission.

DANC 411 – Group Forms (3) Advanced work in dance composition. Emphasis on use of several dancers to develop choreographer’s idea, form and texture. Prerequisite: DANC 312 or permission. As warranted.

DANC 421 – Modern Dance III (4) Continuation of Modern Dance II for intermediate/advanced dancers. Class and concert attendance, and reading/writing assignments required. Prerequisites: DANC 322 and permission. Gen Ed: AE & PE credit. Fall.


DANC 441 – Modern Dance IV (4) Extension and elaboration of Modern Dance III. Emphasis on development of individual performance capabilities toward goal of mature artistic expression. Class and concert attendance, and reading/writing assignments required. Prerequisites: DANC 422 and permission. Gen Ed: AE & PE credit. Fall.


DANC 450 – The Teaching of Dance (3) Guidance and experience of advanced dance students in various approaches in methodology in the teaching of dance as an art form. Prerequisite: permission. As warranted.

DANC 486 – Special Projects: Dramaturgy (1-3) Independent study in Dramaturgy in which the student participates in a dance or theatrical production through text analysis, historical research, attending rehearsals and assisting the choreographer. Prerequisites: DRAM 210, 302, either DRAM 312 or 313, and permission. As warranted.

DANC 487 – Special Projects: Sound Design (1-3) Advanced study in sound design and engineering for performance in dance. Prerequisite: permission. As warranted.

DANC 488 – @Special Projects: Stage Management (1-3) Advanced project in stage management associated with major dance concert. Prerequisites: DRAM 244 and permission. As warranted.

DANC 489 – Special Projects: Makeup Design (1-3) Advanced study in makeup and mask design for dance and dance-related productions. Prerequisites: DRAM 333 and permission. As warranted.

DANC 490 – @Special Projects in Teaching (1-3) An individual program of study in a specified area of teaching methodology and/or philosophy designed by the student and faculty member. The program is to be approved and supervised by a member of the dance faculty. Prerequisite: Instructor permission. As warranted.

DANC 491 – Special Projects in Movement, Theory and Notation (1-3) An individual program of study in a specified area of Movement Analysis designed by the student and faculty member. The program is to be approved and supervised by a member of the dance faculty. Prerequisites: DANC 319 and permission. As warranted.

DANC 492 – @Special Projects: Technical Theatre (1-3) Advanced study in the creation of sets, props, projections and special effects used in dance productions. Prerequisites: DANC/DRAM 205 or DRAM 206, and permission. As warranted.

DANC 496 – Special Projects: Lighting Design (1-3) Advanced study in lighting design for dance or dance-related productions. Prerequisites: DRAM 355 and permission. As warranted.

DANC 497 – Special Projects: Costume Design (1-3) Advanced independent study in costume design for dance or theatre productions. Prerequisites: DRAM 331 and permission. As warranted.

DANC 498 – Senior Project (1-3) Faculty-mentored culminating project in choreography and production. Prerequisite: DANC 312. Corequisite: Dance technique class (3 days per week, minimum). Spring, as warranted.
Upper Division Electives: chosen from the following 9 minimum
DANC/DRAM 223 Costume Construction (4)
DRAM 237 Spoken Word
DANC/DRAM 244 Stage management
DRAM 302 Directing I
DRAM 314 Costume History
DRAM 323 Advanced Costume Construction
DRAM 331 Costume Design
DRAM 333 Stage Make-up and Mask Design
DRAM 336 Scene Study (Acting I) (prerequisite for DRAM 302 and advance acting classes)
DRAM 337 Shakespeare and Verse
DRAM 338 Audition Techniques
DANC 343 Advanced Stagecraft
DRAM 351 Design with Computer Models
DRAM 353 Scene Design
DANC/DRAM 355 Lighting Design
DRAM 363 Theatre for Young Audiences
DRAM 364 Applied Theatre
DRAM 403 Directing II (4)
DRAM 438 Acting for Camera
DRAM 439 Comedy and Styles
DRAM 441 Pivotal Playwrights

Capstone Course 3
All students are required to complete a Capstone Experiential/Applied Learning Course. It may be taken as one of the Special Projects courses (DRAM 487-499) or as an Internship (INTD ***) with approval of the academic adviser, department chair and, when applicable, the Director of Internships. The option of Special Project in Theatre Arts during the senior year is with approval of the academic adviser and the department faculty for a minimum of 3 credits.

Notes
1. All students are required to complete a Senior Project in Theatre Arts during the senior year with approval of a faculty adviser and the department (for a minimum of 3 credits). The project may be taken as one of the Senior Projects courses (DRAM 485-497) or as an Internship (INTD ***) with approval of the Director of Internships.
2. Theatre Majors are required to attend all Theatre and Dance productions.

Theatre Major Policies on Student Grades and Performing
Any student receiving a grade of 1.0 or less for any course offered through the Department of Theatre and Dance will be ineligible for casting in any student directed or choreographed production during the semester immediately following the semester in which the failing grade is issued. Eligibility in faculty directed or choreographed productions will be left to the discretion of the directing faculty member and the Department Chair.

Theatre Education Major (B.A.)
66-70 credits required. Plus 8 credits of cognates.

All courses must be passed with a grade of 2.0 or higher to count towards the major. All majors must maintain a 3.0 GPA.

Students of SUNY Potsdam’s undergraduate certificate in Theatre Education will graduate fully prepared to enter communities—whatever their composition—and teach theatre, integrate the art form into other disciplines and pursue advanced studies in the field. Students will graduate with the theoretical knowledge and practical skills that make one a well-educated citizen, a reflective practitioner and a principled educator.

Graduates of the program will be experienced in all facets of theatre—from the technical elements, to performance and directing, management and design. Furthermore, students will have exposure to the philosophies and practical application of drama and theatre in the classroom as well as in communities. These experiences, alongside the solid liberal arts education students receive at SUNY Potsdam, allow graduates to emerge from the program as well rounded individuals ready to seek employment in a variety of settings. Their course work in education and the pedagogy of theatre teaching will expose them to the ethical and professional responsibilities of teachers.

SUNY Potsdam supports the development of the community-minded theatre artist in its strong commitment to a liberal arts education. All graduates must have a minimum of 38 credit hours (not including modern language requirements) in general education.

All courses are 3 credits unless noted. Credits are divided as follows:

Credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>DRAM 101 Introduction to Performance Studies</td>
<td>3</td>
</tr>
<tr>
<td>DRAM 210 Interpretation and Analysis of Plays</td>
<td>3</td>
</tr>
<tr>
<td>DRAM 251 Foundations of Design for Stage (4 credits)</td>
<td>4</td>
</tr>
<tr>
<td>DRAM 312 Theatre History I</td>
<td>3</td>
</tr>
<tr>
<td>DRAM 313 Theatre History II</td>
<td>3</td>
</tr>
<tr>
<td>DRAM 414 Contemporary Theatre Topics</td>
<td>3</td>
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</table>

One of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRAM 120 Performance Explorations</td>
<td>3</td>
</tr>
<tr>
<td>DRAM 235 Introduction to Acting</td>
<td>3</td>
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</table>

One of the following:

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>DRAM 205 Production Techniques: Dance/Drama/Music</td>
<td>3</td>
</tr>
<tr>
<td>DRAM 206 Fundamentals of Technical Theatre (4 credits)</td>
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Three of the following:

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>DRAM 223 Costume Construction (4 credits)</td>
<td>4</td>
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<tr>
<td>DRAM 244 Stage Management</td>
<td>3</td>
</tr>
<tr>
<td>DRAM 302 Directing I</td>
<td>3</td>
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<tr>
<td>DRAM 331 Costume Design</td>
<td>3</td>
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<tr>
<td>DRAM 333 Stage Makeup and Mask Design (4 credits)</td>
<td>4</td>
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<tr>
<td>DRAM 336 Scene Study and Realism (4 credits)</td>
<td>4</td>
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<tr>
<td>DRAM 337 Shakespeare and Verse</td>
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<tr>
<td>DRAM 338 Audition Techniques</td>
<td>3</td>
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<tr>
<td>DRAM 343 Advanced Stagecraft and Production</td>
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<tr>
<td>DRAM 353 Scene Design</td>
<td>3</td>
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<tr>
<td>DRAM 355 Lighting Design for the Stage</td>
<td>3</td>
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<tr>
<td>DRAM 363 Theatre for Young Audiences</td>
<td>3</td>
</tr>
<tr>
<td>DRAM 364 Applied Theatre</td>
<td>3</td>
</tr>
<tr>
<td>DRAM 403 Directing II (4 credits)</td>
<td>4</td>
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<tr>
<td>DRAM 438 Acting for Camera</td>
<td>3</td>
</tr>
<tr>
<td>DRAM 439 Comedy &amp; Comic Styles</td>
<td>3</td>
</tr>
<tr>
<td>DRAM 441 Pivotal Playwrights</td>
<td>3</td>
</tr>
</tbody>
</table>
Graduation Requirement: All theatre majors complete a project in the senior year with the approval of faculty adviser and department. In the case of Theatre Education Majors, student teaching (EDUC 419 and SECD 457) fulfills this requirement.

**Pedagogical Core**  
EDLS 201  Principles of Education  
EDLS 207  Literacy I  
EDLS 315  Teaching Students with Special Needs: Grades 5-12  
DRAM 361  Methods Theatre Education Elementary  
DRAM 362  Methods Theatre Education Secondary  
DRAM 371  Field Experience: Pre K-5 (1 credit)  
DRAM 372  Field Experience: Secondary (1 credit)  
EDLS 415  Seminar: Issues in Theatre Education (2 credits)  
EDUC 419  Student Teaching: Pre K-6 (6 credits)  
SECD 457  Student Teaching: 7-12 (6 credits)

**Cognates**  
PSYC 220  Child Development  
PSYC 321  Psychology of Adolescence  
HLTH 230  School Health (2 credits)

**Acting Minor**  
19 credit hours required. Open to all majors including Theatre Majors.

For students majoring in Theatre, only 2 courses or 8 credit hours may overlap with the Theatre Major.

The Acting Minor consists of a concentration of courses designed for those students who wish to strengthen their capacity for performing in plays, operas and musicals as well as for those students interested in this area for purposes of increased self-knowledge, increased poise, and the development of avocation. Theatre majors with specific interests in acting would be well served by this minor as an additional stepping stone to graduate or professional schools.

*All courses are 3 credits unless noted. Credits are divided as follows:*

**Required Courses**  
DRAM 235  Introduction to Acting  
DRAM 336  Scene Study and Realism (4 credits)  
Three of the following:  
DRAM 337  Shakespeare and Verse  
DRAM 338  Audition Techniques  
DRAM 438  Acting for Camera  
DRAM 439  Comedy & Comic Styles  
DRAM 441  Pivotal Playwrights  
One of the following:  
DRAM 210  Interpretation and Analysis of Plays  
DRAM 312  Theatre History I  
DRAM 313  Theatre History II  
DRAM 414  Contemporary Theatre Topics

**Acting Minor Policies on Student Grades and Performing**

Any student receiving a grade of 1.0 or less for any course offered through the Department of Theatre and Dance will be ineligible for casting in any student directed or choreographed production during the semester immediately following the semester in which the failing grade is issued. Eligibility in faculty directed or choreographed productions will be left to the discretion of the directing faculty member and the Department Chair.

**Design and Production Minor**  
18-21 credit hours required. **THIS MINOR IS ONLY OPEN FOR DANCE AND THEATRE MAJORS.**

Only 2 courses (8 credit hours) may overlap with the Theatre major or Dance major.

*All courses are 3 credits unless noted. Credits are divided as follows:*

**Required Courses**  
DANC/DRAM 244  Stage Management  
One of the following:**  
DRAM 485  Senior Project: Costume Technology  
DRAM/DANC 487  Senior Project: Sound Design  
DRAM/DANC 489  Senior Project: Stage Make-up  
DRAM 491 or DANC 492  Senior Project: Technical Theatre  
DRAM 493  Senior Project: Scene Design  
DRAM/DANC 496  Senior Project: Lighting Design  
DRAM/DANC 497  Senior Project: Costume Design

**For Theatre Majors (who are already required to take a Senior Projects course or an Internship), the Senior Projects course required in the Design and Production Minor must be in addition to that required for the Theatre Major.**

**Composition or Directing:** choose one  
DANC 311  Dance Composition I (For Dance Majors only)  
DRAM 302  Directing I (For Theatre Majors only)

**Three of the following:**  
DRAM/DANC 223  Costume Construction (4 credits)  
DRAM 331  Costume Design  
DRAM/DANC 333  Stage Makeup and Mask Design (4 credits)  
DRAM 343  Advanced Stagecraft and Production  
DRAM 353  Scene Design (4 credits)  
DRAM/DANC 355  Lighting Design for the Stage

**Design and Production Minor Policies on Student Grades and Performing**

Any student receiving a grade of 1.0 or less for any course offered through the Department of Theatre and Dance will be ineligible for casting in any student directed or choreographed production during the semester immediately following the semester in which the failing grade is issued. Eligibility in faculty directed or choreographed productions will be left to the discretion of the directing faculty member and the Department Chair.
Design and Technical Theatre Minor

20-22 credit hours required. NOT AVAILABLE FOR THEATRE MAJORS.

The Design and Technical Theatre Minor consists of a concentration of courses in the craft, theory, and art of design and technical theatre. Students from a variety of majors including art, dance, education and music may use the minor to strengthen their preparation for future careers. Students may be given design assignments for one-act plays, or on occasion may design a major faculty-directed production. The minor also prepares students for graduate work in design or technical theatre.

All courses are 3 credits unless noted. Credits are divided as follows:

Required Courses

<table>
<thead>
<tr>
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<td>DRAM 101</td>
<td>Introduction to Performance Studies</td>
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<tr>
<td>DRAM 206</td>
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<tr>
<td>DRAM 210</td>
<td>Interpretation and Analysis of Plays</td>
</tr>
<tr>
<td>DRAM 251</td>
<td>Foundations of Design for Stage (4 credits)</td>
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</tbody>
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<tr>
<td>DRAM 244</td>
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<td>Lighting Design for Stage</td>
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</table>

Design and Technical Theatre Minor Policies on Student Grades and Performing

Any student receiving a grade of 1.0 or less for any course offered through the Department of Theatre and Dance will be ineligible for casting in any student directed or choreographed production during the semester immediately following the semester in which the failing grade is issued. Eligibility in faculty directed or choreographed productions will be left to the discretion of the directing faculty member and the Department Chair.

Theatre Course Descriptions

Courses are offered each semester unless otherwise designated.

@ = Indicates a non-liberal arts course. Please refer to page 38 for a description of non-liberal arts credits.

DRAM 195, 295, 395, 495 – Special Topics (1-12)

DRAM 198, 298, 398, 498 – Tutorial (1-3)

DRAM 100 – Mind of the Artist (4) An introduction to the nature of art and the process of its creation, with special emphasis in the study of dance and theatre. Gen Ed: FS & AC credit. Cross-listed as DANC 100. Fall and Spring.

DRAM 101 – Introduction to Performance Studies (3) An introductory course that explores the theories and evidence for the origins of performance and how different cultures create performance arts events and rituals. Gen Ed: AC & FC credit. Cross-listed as DANC 101. Fall.

DRAM 110 – Alexander Technique (2) The Alexander Technique is a safe, self-care method to stop pain, stress, and muscular tension caused by everyday misuse of the body. The technique can be applied to improve use of the body in such areas as acting, instrumental and singing techniques, dance, athletics, and daily life activities. Gen Ed: PE credit. Fall and Spring.

DRAM 120 – Performance Explorations (3) An introductory interdisciplinary course designed to provide students of dance and theatre with fundamental skills in personal expression, improvisation, and communication as a performing artist. Gen Ed: AC credit. Cross listed as DANC 120. Fall.

DRAM 205 – Production Techniques: Dance/Drama/Music (3) Basic skills and procedures in producing theatrical productions, including basics of lighting, costuming, running crew, and set construction. Laboratory time required. Gen Ed: AE credit. Cross-listed as DANC 205. Spring.

DRAM 206 – Fundamentals of Technical Theatre (4) Basic skills and safety procedures in technical theatre, including set and costume construction, scene painting and stage lighting. Laboratory time required. Gen Ed: AE credit. Fall.

DRAM 207 – Technical Theatre Production I (1) This practicum course comprises hands-on work in the shops and back stage areas during the production process. Students will apply the knowledge and experience gained in DANC/DRAM 206 or DRAM 223 towards completing a minimum of 20 total hours of shop-related work for the semester, as well as fulfilling a production-related responsibility (various back-stage and related crews, front of house, publicity, etc.) attached to a department-supported production. Gen Ed: AE credit. Fall.

DRAM 208 – Orientation to Theatre (3) An introductory and appreciation course on the art of theatre, principles of dramatic theory and criticism, and study of representative historic periods and stage conventions. As warranted.

DRAM 210 – Interpretation and Analysis of Plays (3) An introduction to genres and styles of dramatic literature from historical periods and world theatrical traditions. Includes an introduction to the study and methods of dramaturgy as a professional practice. Gen Ed: AC credit. Spring.
DRAM 211 – @Performance and Production (1-3) Supervised experience in various phases of play production. Fall and Spring.

DRAM 223 – @Costume Construction (4) Lab required. Methods used in the planning and construction of costumes for the theatre with a focus on how theatrical costume construction differs from clothing construction for the consumer market. Emphasis is on theatrical construction, cutting, fitting, fabric and fiber analysis and adaptations for stage performance. Lab: Students work in small groups with close faculty supervision on projects from the seminar section or costumes for a current production. Cross-listed as DANC 223. Gen Ed: AE. Fall.

DRAM 235 – Introduction to Acting (3) Actor-training course for majors, minors, and non-majors that introduces students to fundamentals of the Stanislavski-based method of actor training. Gen Ed: AE credit.

DRAM 237 – Spoken Word I (3) This course is designed to develop the critical listening, reading, and performing skills required when encountering and engaging The Spoken Word. An approach to literary and performance-based texts that will strengthen and deepen skills for critical reading, research and inquiry. Focus will be on texts that are intended to be spoken by performers and listened to by a critical audience. Gen Ed: AE credit. As warranted.

DRAM 244 – @Stage Management (3) Introduction to the knowledge and skills of stage management for theatre, dance and music events. Other aspects of performance management are studied such as box office, production, company and house management. Cross-listed as DANC 244. Spring.

DRAM 251 – Foundations of Design for the Stage (4) Fundamentals of design elements and principles as they apply to the performance arts. All aspects of design for the stage will be studied including the basics of scenic, lighting, costume and sound design. Gen Ed: AE credit. Fall and Spring.

DRAM 302 – Directing I (3) History of directing, applied play analysis, and study of various techniques for working with actors. Students will direct a short play. Prerequisites: DANC/DRAM 101, DRAM 210, DRAM 336, DANC/DRAM 244, and DRAM 251. Gen Ed: AC & SI credit. Fall.

DRAM 307 – Technical Theatre Production II (1) This upper-division advanced practicum course comprises hands-on work in the shops and back stage areas during the production process. Students will apply the knowledge and experience gained in DRAM 207 Technical Production I. Students are required to complete a minimum of 20 total hours of shop-related work for the semester. Students will also complete an advanced production responsibility (crew leader, stage, house or public address system management, for ex.) attached to a department-supported production. (prerequisite: DRAM 207). Fall and Spring.

DRAM 312 – Theatre History (3) Development of theatre arts in world culture from the Greek era to early Italian Renaissance. Emphasis on conditions of production with respect to theatre architecture, cultural values, costuming, staging and performance. Fall. Gen Ed: WC credit.

DRAM 313 – Theatre History II (3) Development of theatre arts in world culture from Shakespeare to present day. Emphasis on conditions of production with respect to theatre architecture, cultural values, costuming, staging and performance. Spring. Gen Ed: WC credit.

DRAM 322 – @Advanced Costume Construction (3) Techniques in historical garment construction, cutting, fitting, analysis and adaptation for stage performing. Prerequisites: DANC 223 or DRAM 223. Corequisite: DRAM 323 Lab. Spring, odd years.

DRAM 323 – @Advanced Costume Construction (Lab) (1) Students work in the Costume Shop under the supervisor's instruction constructing costumes and working on wardrobe crews for department productions. Prerequisite: DANC/DRAM 223. Corequisite: DRAM 323. Spring, odd years.

DRAM 331 – Costume Design (3) Rendering costumes, design, costume construction, costume history as well as understanding the role of costume designers in interpreting plays. Lecture/Lab. Prerequisite: DRAM 210 and 251. Gen Ed: AE credit.

DRAM 333 – Stage Makeup and Mask Design (4) The study of stage makeup design principles, techniques, materials and tools as they are used to create characters for the stage. Character analysis and critical reading of scripts are used as the basis for study. Specialized makeup and mask-making materials and techniques are introduced such as prosthetics, scar and wounds, plaster molding, new plastics technology, and papier-mâché. Gen Ed: AE credit. Fall and Spring.

DRAM 336 – Scene Study and Realism (4) A continuation of Introduction to Acting, DRAM 235. The course will build on the foundation of skills, vocabulary and training learned in the previous course. The course expands and deepens the study of acting with an in-depth look at American method actor training and scene study approaches by various Stanislavski-based systems. Historical and character study research and play analysis skills will be strengthened. Prerequisite: DRAM 235. Gen Ed: AE credit. Spring.

DRAM 337 – Shakespeare and Verse (3) Advanced study of acting in verse plays with particular attention to the works of Shakespeare. Prerequisites: DRAM 235 and 336. Gen Ed: AE credit. Fall, even years.

DRAM 338 – Audition Techniques (3) Focus of study on monologue training for professional auditioning and the development of advanced cold reading skills. Prerequisites: DRAM 235 and 336. Gen Ed: AE credit. Fall.

DRAM 340 – Acting Ensemble I (1-3) A course for students cast in a production under faculty or guest artist direction, where the emphasis is on practicing the skills of ensemble based performance. The course requires documentation of in-depth actor research of historical period, theatrical style and dramatic character. The actor's work will include rehearsals, research, and production work. Prerequisite: by audition only. Fall and Spring.

DRAM 343 – Advanced Stagecraft and Production (3) This course is an in-depth investigation of theatre technology and production methodology and an expansion of skills introduced in prior stagecraft and production courses. Students will be assigned projects in stage carpentry, electrics, props, sound, metal formation, technical direction and production coordination. Prerequisite: DRAM 205 or 206. Gen Ed: AE credit. As warranted.

DANC 344 – @Stage Management Practicum (1-3) Students engage in a production-based project to explore and develop advanced stage management techniques and leadership skills in the performing arts. Fall and Spring.

DRAM 351 – Design with Computer Models (3) An introduction to the creation of stage designs using computer generated model building programs to render plans and representations of stage images. Students will analyze scripts, conduct research, and devise designs, which meet the historic, expositional, atmospheric, thematic and conceptual requirements of the play as they interpret these elements. Prerequisite: DRAM 251 or permission Gen Ed: AE credit. As warranted.

DRAM 353 – Scene Design (3) An introduction to the art of designing scenery for the stage. Students will develop techniques for creating plans, perspective drawings, elevations, renderings, scale models and computer model simulations and other skills for translating their ideas into works for production. Students will develop skills in arranging floor plans that facilitate stage action, create images that provide exposition and atmosphere for the play and realize a visual world that reinforces and extends the meaning of the performance event. Prerequisites: DRAM 101, 205, or 206, and DRAM 251. Gen Ed: AE credit. Fall, odd years.

DRAM 355 – Lighting Design for the Stage (3) An introduction to the art and craft of designing lighting for performances. Students will develop techniques for rendering and drafting lighting designs using computer software. Projects for stage productions will be assigned including designs for plays and dance works. Prerequisites: DANC/DRAM 205, DRAM 206, or DRAM 251. Gen Ed: AE credit. Cross-listed as DANC 355. Spring, odd years.

DRAM 361 – @Methods Theatre Ed. Elementary (3) Introduction to the basics of teaching drama for the elementary classroom. Corequisite: DRAM 371. Prerequisites: DRAM 210, 235, 251, 312, 313, or EDLS 201. Fall.

DRAM 362 – @Methods Theatre Ed. Secondary (3) Introduction to the basics of teaching drama for the secondary classroom. Prerequisites: DRAM 210, 235, 251, 312, 313, or EDLS 201. Spring.

DRAM 363 – Theatre for Young Audiences (3) Explores various forms, formats and current practices in the field of youth theatre. Students will study historical antecedents as well as contemporary youth theatres in the U.S. and across the globe. Prerequisite: sophomore standing. Gen Ed: AE & SI credit. Fall.
DRAM 364 – Applied Theatre (3) The study of theatre as applied to non-theatrical settings. Students will work in community settings and with community members using drama techniques to study, research, facilitate and perform issues of significant import in the lives of community members. Prerequisites: sophomore standing. Gen Ed: AE credit. Spring.


DRAM 403 – Directing II (4) Practical application of directing theories and techniques with emphasis on composition and picturization in staging. Students direct a one-act play. Prerequisite: DRAM 302. Gen Ed: AC and WI credit. As warranted.

DRAM 414 – Contemporary Theatre Topics (3) Focused study of modern trends in theatre from the end of the 19th century to the present. Prerequisite: sophomore standing. Gen Ed: AC and WI credit. Spring, odd years.


DRAM 439 – Comedy & Comic Styles (3) Explores the techniques for acting in comedy. Comic styles from contemporary sit-coms to historical styles such as farce and comedy of manners are studied. Prerequisite: DRAM 336. Gen Ed: AE credit. Spring, even years.

DRAM 440 – Acting Ensemble II (3) Builds on the work and experience of DRAM 340: Acting Ensemble I. Designed for students cast in lead roles in a production under faculty or guest artist direction, with emphasis on practicing ensemble-based performance and with documentation of advanced research work in style, genre, and character as suited to the requirements of a lead role. Prerequisites: DRAM 340 and by audition. Fall and Spring.

DRAM 441 – Pivotal Playwrights (3) Advanced acting work, delving into a number of works by one important playwright. Students will experiment fully with characters' physical and vocal lives, work as an ensemble, explore the political and social context of the plays, rehearse, and perform publicly. Prerequisite: DRAM 336. Fall.

DRAM 466 – Advanced Reader's Theatre (3) Practical application of theories and techniques involved in advanced work of dramatic oral interpretation and chamber theatre. Prerequisite: DRAM 366. As warranted.

*DRAM 485 – Senior Project: Costume Technology (1-3) Advanced independent study in the construction of theatrical costumes and costume crafts. Prerequisite: senior standing and DRAM 223.

*DRAM 486 – Senior Project: Dramaturgy (1-3) Independent study in Dramaturgy in which the student participates in a theatrical production through text analysis, historical research, attending rehearsals, and assisting the director. Prerequisites: senior standing and DRAM 403. As warranted.

*DRAM 487 – Senior Project: Sound Design (1-3) Advanced Projects in the design and engineering of sound for theatrical productions and dance concerts. Prerequisites: senior standing, DRAM/DANC 205 or DRAM 206, DRAM 251, and appropriate experience. As warranted.

*DRAM 488 – Senior Project: Stage Management (1-3) Advanced project in managing main stage faculty and guest artist productions in theatre and dance. Prerequisites: senior standing, DRAM/DANC 244, and stage management experience. As warranted.

*DRAM 489 – Senior Project: Make-up (1-3) Advanced independent study in make-up. Prerequisites: senior standing, DRAM 333, and permission. As warranted.

*DRAM 490 – Senior Project: Acting (1-3) Advanced independent study in acting. Prerequisites: senior standing, DRAM 336, and one of the advanced acting courses As warranted.

*DRAM 491 – Senior Project: Technical Theatre (1-3) Advanced independent study in the creation of effects, properties, projections, and other technical aspects of theatre. Usually in connection with a specific production. Prerequisites: senior standing, DRAM/DANC 205 or DRAM 206, DRAM 251, and crew experience. As warranted.

*DRAM 492 – Senior Project: Directing (1-3) Advanced independent study in directing. Prerequisites: senior standing, DRAM 302, and DRAM 403. As warranted.

*DRAM 493 – Senior Project: Scene Design (1-3) Advanced independent study in scenic design for dance or theatre productions. Prerequisites: senior standing, DRAM/DANC 205 or DRAM 206, DRAM 251, and DRAM 353. As warranted.

*DRAM 494 – Senior Project: Spoken Word (3) Advanced independent study in reader's theatre. Prerequisites: senior standing and DRAM 237. As warranted.

*DRAM 496 – Senior Project: Lighting Design (1-3) Advanced independent study in stage lighting for dance or theatre productions. Prerequisites: senior standing, DRAM 205 or DRAM 306, and DRAM 355. As warranted.

*DRAM 497 – Senior Project: Costume Design (1-3) Advanced independent study in costume design for dance or theatre productions. Prerequisites: senior standing and DRAM 331. As warranted.

*DRAM 499 – Senior Project: Theatre Education (1-3) Project-based study of theatre used in educational or community settings. Prerequisites: senior standing and Approval by the Director of Theatre Education. As warranted.

*Note: All students enrolled in a Senior Project are required to attend a weekly seminar, facilitated by a faculty member. During these sessions students will share the issues that arise during the development of their projects, and offer ideas and suggestions to their colleagues. As well as meeting weekly with the seminar group and facilitator, each student will meet regularly with a senior project mentor. (Acting faculty will mentor acting projects, design faculty will mentor design projects, etc.)