ANTHROPOLOGY
DEPARTMENT

SUNY Distinguished Professor: M. Cohen
SUNY Distinguished Service Professor: P. Higgins
SUNY Distinguished Teaching Professors:
J. Armstrong (chairperson), G. Pollard, R. Robbins
Associate Professors:
D. Altamirano, A. Mountcastle
Lecturer:
G. Crane-Kramer
Adjunct Faculty:
G. Bobbie, P. Naftaly

Students of anthropology acquire a broad understanding
of human nature and human behavior applicable to
our own and other world cultures. Courses introduce
the biological and cultural evolution and diversity of
human groups, explore world cultures and global
problems, and provide a basis for comparative analysis
of biological and psychological processes and of social
institutions in different cultures. Students are encouraged
to apply anthropology in an internship experience,
and they may carry out original research and analysis
in cooperation with faculty. Topics may include local
historical archaeology, field archaeology in other parts
of the country or abroad, language and behavior, social
network analysis, human service delivery, education and
culture, local ethnography, human variation, and
medical anthropology, including epidemiology. Support
facilities include physical anthropology and archaeology
laboratories with human skeletal and artifact collections.

Besides the major, study options include academic
minors in archaeology, cultural anthropology, and
language and linguistics and summer practicum
programs. All programs encourage the application
of anthropological skills and perspectives to a wide
variety of practical and academic problems. Training in
anthropology is excellent preparation for commercial,
government, and professional service occupations
and for graduate study in business, law, public
administration, social services, and public health as well
as in theoretical or applied anthropology. In an era of
increasing international and interethnic contact in many
careers, anthropology provides essential background
and training in cross-cultural interaction.

ANTHROPOLOGY MAJOR
Bachelor of Arts
Curriculum 0729 Requirements

MAJOR REQUIREMENTS 39

1. ANT 101 Intro. to Human Evolution (3 cr.)
2. ANT 102 Comparative Cultures (3 cr.)
3. ANT 380 Doing Anthropology (AWR) (3 cr.)
4. Physical Anthropology, Archaeology, Linguistics;
   select one course: (3 cr.)
   ANT 301 “Race” and Human Variation (3 cr.)
   ANT 308 Forensic Anthropology (3 cr.)

5. Cultural Area; select one course: (3 cr.)
   ANT 307 Tibet and the Himalayas (3 cr.)
   ANT 322 The Inkas and Andean Civilization
      (3 cr.)
   ANT 323 Peoples/Cultures Latin America (3 cr.)
   ANT 337 Israeli Culture and Society (3 cr.)
   ANT 342 Indians of North America (3 cr.)
   ANT 346 Peoples of Europe (3 cr.)
   ANT 349 Middle Eastern Cultures (3 cr.)
   ANT 375 West Asia (3 cr.)

6. Dimensions of Culture and World Issues;
   select three courses: (9 cr.)
   ANT 303 Sexuality and Culture (3 cr.)
   ANT 304 Nutrition and Anthropology (3 cr.)
   ANT 310 Language and Culture (3 cr.)
   ANT 313 The Family (3 cr.)
   ANT 316 Intercultural Communication (3 cr.)
   ANT 317 Political Anthropology (3 cr.)
   ANT 318 Anthropology of Human Rights (3 cr.)
   ANT 336 Civilization and Health (3 cr.)
   ANT 338 Illness and Healing (3 cr.)
   ANT 340 Culture and Belief (3 cr.)
   ANT 344 Comparative Social Organizations
      (3 cr.)
   ANT 350 Utopian Societies (3 cr.)
   ANT 351 Women in Cross-Cultural Perspective
      (3 cr.)
   ANT 352 Colonialism (3 cr.)
   ANT 354 Education and Culture (3 cr.)
   ANT 359 Ecology, Systems, and Culture (3 cr.)
   ANT 362 Anthropological Perspectives on
      Global Issues (3 cr.)
   ANT 366 Technology, Culture and Society (3 cr.)

NOTE: ANT 451 Topics in Anthropology may be applied
to categories 4-6 above, as appropriate, in consultation
with one’s academic advisor.

7. Senior Project: (3 cr.)
   ANT 480 Advanced Research Seminar (3 cr.)
   Seminar involving individual creative research and
   analysis as an extension of the advanced writing
   course (ANT380). The senior project will involve
   written and oral reporting of an original application
   of anthropological research skills to a problem of the
   student’s choice, including projects possibly arising
   from previous internship or other field experiences.

8. Anthropology elective: (3 cr.)
   Select one additional course from categories 4, 5, or
   6 above.

9. Career Track and Cognate Development: (9 cr.)
   A block of nine or more credits in anthropology
   and/or cognate fields, chosen in consultation with
   the student’s advisor, which relate directly to the
The art department is dedicated to enriching its students’ lives through the creation and the historical and critical study of art. By providing a stimulating, intellectually challenging, diverse, and nurturing learning environment, the faculty develops the students’ skills, creativity, and confidence in creating art; improves critical thinking; and inspires a lifelong interest in the arts. As mentors, faculty members inspire art majors to achieve their highest professional aspirations and to make enlightened contributions to the art world and the larger community (Mission Statement ’03).

The art department offers comprehensive degree programs in the creation and history of art. Students obtain a solid foundation in studio and art history, acquire broad experience in a variety of media, and concentrate in the areas of their choice. With faculty as mentors, students develop skills, creativity, aesthetic awareness, and knowledge in preparation for a variety of careers.

**Programs in Art History:** The art department offers a B.A. program with a study option in art history that prepares students for graduate study in art history or careers in museums or galleries. There are also minors in art history and museum studies. Art history courses introduce students to major artistic periods, styles, and concepts from antiquity to the present.

**Programs in Studio Art:** The art department offers two art studio options: the B.F.A. and the B.A. with a study option in art studio. These program options allow students to select the degree that best suits their personal goals.

- **B.F.A.:** The B.F.A. program is an intensive professional degree that prepares students for art careers or graduate study in either fine arts or graphic design. B.F.A. students are admitted by a portfolio review. Students without portfolios may enter the B.A. program and subsequently apply to the B.F.A. program. Students in the B.F.A. program obtain a solid foundation and broad studio experience, as well as one or more in-depth concentrations in graphic design, ceramics, drawing, painting, photography, printmaking, or sculpture. The B.F.A. program culminates in a Senior Exhibition. B.F.A. graduates develop technical competence, aesthetic judgment, and a strong commitment to artistic quality.

- **B.A.:** The B.A. program with a study option in art studio permits students to combine in-depth study in studio art with broader liberal studies, a second major, or a minor. It is well-suited for students who wish to enter fields such as art therapy, elementary education, arts management, or advertising. After receiving a solid foundation, students select one or more concentrations in graphic design, ceramics, drawing, painting, photography, printmaking, or sculpture.

Art studio minors: The department also offers minors in studio art, photography, and graphic design. Students complete minors either for self-enrichment or to complement other majors.

**Art Courses:** Foundation courses offer students basic skills and concepts and an introduction to disciplines, such as art history, ceramics, drawing, graphic design, illustration, painting, photography, printmaking, and sculpture. This breadth of experience helps the studio student discover personal strengths and interests. From these disciplines, the studio student selects one or more areas to study in-depth, developing confidence and ability and a professional portfolio. Art history students select from courses including Greek and Roman, Medieval, Renaissance, Baroque and Rococo, 19th Century, Jewish, Modern, Contemporary, Women in Art, Art of the Book, and American Art. Individualized research and internships are also available.

**Careers:** Students begin career planning in their first semester. Throughout their course of study, art students work with advisors, faculty mentors, visiting artists, and a variety of career sources to prepare themselves for future careers. Art alumni are pursuing a wide variety of art careers, working as graphic designers, art directors, museum directors, college professors, teachers, studio sculptors and painters, professional potters, commercial and fine arts photographers, printers, wallpaper stylists, and web designers.

**Faculty and Facilities:** The art department has an experienced, full-time, professional faculty. These dedicated teachers are currently involved in creative, high-quality work in studio and art history. Through direct instruction, by example of their own creative work, and by their professional collaborations, faculty members help students achieve their potential, develop their portfolios, and prepare for careers or graduate school. Class sizes are small enough for personal attention.

The Myers Fine Arts Building has twelve well-equipped art studios, including two full computer labs.
for digital photography and graphic design. Through in-depth experience with processes such as bronze and iron casting, electronic art, lithography, ceramics, and photography, students are prepared for graduate school or art careers.

Art studio students have ample opportunity to exhibit their work, both in the Myers Fine Arts Building and throughout the campus. Students experience professional art firsthand through the notable Plattsburgh State Art Museum, which includes three galleries, a sculpture court, an outdoor sculpture park and terrace, and installations in other public spaces throughout the campus. There are about 10,000 historical and contemporary works of art, representing a variety of Western and non-Western cultures. The Art Museum is complemented by a strong print library and film and video collections.

Student Organizations: The Art Resource student organization and the student-led Visual Artist Series give students the opportunity and professional experience to select and host renowned artists, critics, and art historians.

Workshops and Trips: Workshops and presentations given by visiting artists in areas such as iron casting, book arts, and painting give students knowledge that enhances their experience within the studio classes. Student trips to cities such as New York, Montreal, and Ottawa provide firsthand experience with works of art.

Internships and Study Abroad: Plattsburgh’s art majors enhance their professional development through internships and study abroad. Internships exist both on and off campus. In addition, some students study abroad, especially in England and Italy.

Scholarships: Several scholarships are available annually, particularly the George and Nina Winkel art scholarships. Scholarships are available for incoming freshmen and for sophomore, junior and senior students.

ART MAJOR
Bachelor of Arts
(Study Option in Art History)
Curriculum 0778 Requirements

MAJOR REQUIREMENTS 42

A. Departmental Requirements: (36 cr.)
1. Foundation (12 cr.): Complete during the first two semesters, prior to other studio or art history courses.
   a. ART 104 Basic Design: 2-D (3 cr.)
   b. ART 137 Western Art: Ancient and Medieval (3 cr.)
   c. ART 139 Western Art: Renaissance to Present (3 cr.)
   d. ART 161 Introduction to Drawing (3 cr.)
2. Art History: (18 cr.)
   a. Select four courses: (12 cr.)
      ART 342 Greek and Roman Art (3 cr.)
      ART 343 Medieval Art (3 cr.)
      ART 344 Italian Renaissance Art (3 cr.)
      ART 345 Baroque and Rococo Art (3 cr.)
      ART 346 19th-Century European Art: Neo-Classicism to Impressionism (3 cr.)
      ART 347 Modern Art from Post-Impressionism to Surrealism (3 cr.)
      ART 349 Northern Renaissance Art (3 cr.)
      ART 354 Jewish Art to 1600 (3 cr.)
      ART 471 Contemporary Art (3 cr.)
   b. Select one course: (3 cr.)
      ART 270 American Art: Colonial to Present (3 cr)
      ART 274 Women in Art (3 cr.)
   c. ART 474 Senior Art History Thesis (3 cr.)

3. Art Studio Elective: (3 cr.)
   Select one art studio elective in addition to ART104 and ART161. ART211 Introduction to Photography is highly recommended.

4. ART 397 Junior-Level Portfolio Review (0 cr.)
   Required in the spring semester of the junior year of all art majors with 57 or more total credits.

5. ART 475 Art of the Book (AWR) (3 cr.)

B. Cognate Requirements: (6 cr.)
Foreign language (6 cr.) or
History (6 cr.) or
Six additional studio arts credits (6 cr.) or
ART472 Museum Studies/Art Exhibitions (3 cr.) and a 3 cr. art museum internship/independent study (6 cr. total)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all art (ART) courses.
2. Transfer students must complete a minimum of 18 credits in art courses and a total of 36 credits at Plattsburgh:
   a. 15 credits of art history including
      ART 475 Art of the Book (AWR) (3 cr.) and
      ART 474 Senior Art History Thesis (3 cr.)
   b. Studio art class (3 cr.)
   c. ART 397 Junior Level Portfolio Review (0 cr.)
3. Admission of transfer students to 300/400 level studio courses will be contingent upon submission of a portfolio of previous work in the medium, to assure appropriate preparation. The portfolio is to be presented to the instructor on the first day of classes. A digital or slide portfolio is acceptable.

NOTE: Only art courses equivalent to SUNY Plattsburgh’s art courses will count toward the art major. Transferred equivalents of art appreciation courses may not be used in the Plattsburgh art major.
ART MAJOR
Bachelor of Arts
(Study Option in Art Studio)
Curriculum 0702 Requirements

MAJOR REQUIREMENTS  CREDITS

1. Foundation Courses: Complete during the first two semesters, prior to other studio or art history courses. (18 cr.)
   a. ART 104 Basic Design: 2 - D (3 cr.)
   b. ART 137 Western Art: Ancient and Medieval (3 cr.)
   c. ART 139 Western Art: Renaissance to Present (3 cr.)
   d. ART 161 Introduction to Drawing (3 cr.)
   e. ART 231 Introduction to Sculpture (3 cr.)
   f. ART 262 Drawing II (3 cr.)

2. Studio Breadth Courses: Select two studio courses from the following areas, not including the area of the studio concentration. (6 cr.)
   ART 205 Intro. to Graphic Design (3 cr.) or
   ART 208 Computer Art (3 cr.)
   ART 211 Introduction to Photography (3 cr.)
   ART 221 Introduction to Painting (3 cr.)
   ART 232 Sculpture I (3 cr.)
   ART 255 Introduction to Ceramics (3 cr.)
   ART 280 Intro. to Printmaking (3 cr.) or
   ART 281 Intro. to Printmaking: Women’s Narratives (3 cr.)

3. Studio Concentration: Complete a sequence of three courses in one studio area in addition to the foundation courses, and in an area outside the two selected studio breadth courses. (9 cr.)
   a. Ceramics (9 cr.)
      ART 255 Introduction to Ceramics
      ART 356 Ceramics II
      ART 457 Ceramics III
   b. Design (9 cr.)
      ART 205 Introduction to Graphic Design
      ART 305 Graphic Design II
      ART 306 Digital Imaging
      ART 307 Illustration
      ART 405 Publication Design
      ART 406 Packaging Design/Branding
      ART 408 Portfolio Development
   c. Drawing (9 cr.)
      ART 363 Drawing III
      ART 464 Drawing IV
      ART 465 Drawing V
   d. Painting (9 cr.)
      ART 221 Introduction to Painting
      ART 322 Painting II
      ART 423 Painting III
   e. Photography (9 cr.)
      ART 211 Introduction to Photography
      ART 312 Photography II
      ART 315 Photography III: Digital
      ART 319 Photography IV
   f. Printmaking (9 cr.)
      ART 280 Introduction to Printmaking
      ART 281 Introduction to Printmaking: Women’s Narratives
      ART 380 Printmaking II
      ART 480 Printmaking III
   g. Sculpture (9 cr.)
      ART 232 Sculpture I
      ART 332 Sculpture II
      ART 433 Sculpture III

NOTE: The student may elect to complete additional courses and independent studies in the concentration or more than one concentration. Transfer students must complete three courses in the concentration at Plattsburgh.

4. Art History, select two courses: (6 cr.)
   ART 274 Women in Art (3 cr.)
   ART 342 Greek and Roman Art (3 cr.)
   ART 343 Medieval Art (3 cr.)
   ART 344 Italian Renaissance Art (3 cr.)
   ART 345 Baroque & Rococo Art (3 cr.)
   ART 346 19th C European Art: Neo-Classicism to Impressionism (3 cr.)
   ART 347 Modern Art: Post Impress to Surrealism (3 cr.)
   ART 349 Northern Renaissance Art (3 cr.)
   ART 354 Jewish Art to 1600 (3 cr.)

5. Junior-Level Portfolio Review: (0 cr.)
   Required in the spring semester of the junior year of all art majors with 57 or more total credits.
   ART 397 Junior-Level Portfolio Review (0 cr.)

6. Advanced Writing Requirement (3 cr.)
   ART 471 Contemporary Art (AWR) (3 cr.) or
   ART 475 Art of the Book (AWR) (3 cr.)

TOTAL CREDITS  minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all art (ART) courses.
2. Transfer students must complete a minimum of 18 credits in art courses at SUNY Plattsburgh and a total of 36 credits at Plattsburgh:
   a. Studio specialization sequence (9 cr.)
   b. Additional studio art classes (6 cr.)
   c. ART 471 Contemporary Art (AWR) (3 cr.) or
      ART 475 Art of the Book (AWR) (3 cr.)
   d. ART 397 Junior Level Portfolio (0 cr.)
3. Admission of transfer students to 300/400 level studio courses will be contingent upon submission of a portfolio of previous work in the medium, to assure appropriate preparation. The portfolio is to be presented to the instructor on the first day of classes.
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

A slide or digital portfolio is acceptable, and the portfolio already submitted to the department may be used.

4. It is recommended that all transfer students have a personal interview/portfolio review with the Art Department, and/or send to the art department a digital or slide portfolio which is representative of all previous college-level studio work. The portfolio review will assist in advising by helping to identify strengths, interests and weaknesses, and it can be used to recommend advanced placement or additional work in certain areas. This portfolio will be forwarded to the art advisor, who will return it after the first advisement meeting. In addition, only art courses equivalent to SUNY Plattsburgh’s art courses will count toward the art major. Transferred equivalents of art appreciation courses may not be used in the Plattsburgh art major.

ART STUDIO MAJOR
Bachelor of Fine Arts
Curriculum 0784 Requirements

MAJOR REQUIREMENTS 73

1. Core Courses (33 cr.)
   a. Foundation Courses:
      ART 104 Basic Design: 2 - D (3 cr.)
      ART 137 Western Art: Ancient and Medieval (3 cr.)
      ART 139 Western Art: Renaissance to Present (3 cr.)
      ART 161 Introduction to Drawing (3 cr.)
      ART 231 Introduction to Sculpture (3 cr.)
      ART 262 Drawing II (3 cr.)
   b. Breadth Courses: select five of the following:
      ART 205 Intro. to Graphic Design (3 cr.) or
      ART 208 Computer Art (3 cr.)
      ART 211 Introduction to Photography (3 cr.)
      ART 221 Introduction to Painting (3 cr.)
      ART 232 Sculpture I (3 cr.)
      ART 255 Introduction to Ceramics (3 cr.)
      ART 280 Intro. to Printmaking (3 cr.) or
      ART 281 Intro. to Printmaking: Women’s Narratives (3 cr.)

2. Art Studio Concentration (18 cr.): Six courses in one studio area. One of these courses (3 cr.) may be taken in another area, with the permission of the concentration faculty. Studio concentration should be declared after completion of the core courses (foundation and breadth) or at the beginning of the junior year. Acceptance in a studio concentration requires the approval of the concentration faculty.
   a. Ceramics (18 cr.)
      ART 356 Ceramics II
      ART 457 Ceramics III
      ART 458 Ceramics IV
      ART 459 Ceramics V
      ART 460 Ceramics VI
      ART 461 Ceramics VII

   b. Design (18 cr.)
      ART 305 Graphic Design II
      ART 306 Digital Imaging
      ART 307 Illustration
      ART 405 Publication Design
      ART 406 Packaging Design/Branding
      ART 407 Interactive Media
      ART 408 Portfolio Development

   c. Drawing (18 cr.)
      ART 363 Drawing III
      ART 464 Drawing IV
      ART 465 Drawing V
      ART 466 Drawing VI
      ART 467 Drawing VII
      ART 468 Drawing VIII

   d. Painting (18 cr.)
      ART 322 Painting II
      ART 423 Painting III
      ART 424 Painting IV
      ART 425 Painting V
      ART 426 Painting VI
      ART 428 Painting VII

   e. Photography (18 cr.)
      ART 312 Photography II
      ART 315 Photography III
      ART 319 Photography IV
      ART 411 Photography V
      ART 418 Photography VI
      ART 419 Photography VII

   f. Printmaking (18 cr.)
      ART 380 Printmaking II
      ART 480 Printmaking III
      ART 481 Printmaking IV
      ART 482 Printmaking V
      ART 483 Printmaking VI
      ART 484 Printmaking VII

   g. Sculpture (18 cr.)
      ART 332 Sculpture II
      ART 433 Sculpture III
      ART 434 Sculpture IV
      ART 435 Sculpture V
      ART 436 Sculpture VI
      ART 438 Sculpture VII

3. Art Studio Electives (9 cr.)
   For students in the graphic design concentration, these nine credits must be approved by the concentration faculty.

4. Advanced Art History: (9 cr.)
   a. ART 347 Modern Art: Post Impressionism to Surrealism (3 cr.)

   b. Select one course:
      ART 342 Greek and Roman Art (3 cr.)
      ART 343 Medieval Art (3 cr.)
      ART 344 Italian Renaissance Art (3 cr.)
      ART 345 Baroque & Rococo Art (3 cr.)
      ART 346 19th C European Art: Neo-Classicism to Impressionism (3 cr.)
      ART 349 Northern Renaissance Art (3 cr.)
      ART 354 Jewish Art to 1600 (3 cr.)
c. Advanced Writing Requirement (3 cr.)
   Students concentrating in drawing, painting, or sculpture must take ART 471; all other students must take either of the following:
   ART 471 Contemporary Art (AWR) (3 cr.) or ART 475 Art of the Book (AWR) (3 cr.)

5. Junior-Level B.F.A. Review: (0 cr.)
   Required in the spring semester of the junior year of all art majors with 57 or more total credits.
   ART 397 Junior-Level Portfolio Review (0 cr.)

6. B.F.A. Exhibition (4 cr.)
   ART 472 Museum Studies/Art Exhibitions (3 cr.)
   ART 473 Senior Art Major Exhibition (1 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 3.0 in all art (ART) courses.
2. A minimum grade of C is required in all art (ART) courses.
3. Students will be admitted to the B.F.A. program on the basis of a portfolio review. New freshman or transfer applicants must submit a letter of application and an acceptable portfolio to the art chairperson. (See the Art Department Web site for specific requirements.) The portfolio may be submitted prior to, concurrently with, or immediately after being accepted to the college. Students who do not have a portfolio may enroll in the B.A. program and begin work on foundation courses. New freshman students may submit recommendations from high school teachers. A B.F.A. review will be held each fall and spring semester. There will be another portfolio review opportunity at the end of the first-year foundation program.
4. Transfer students must complete a minimum of 40 credits in art courses at SUNY Plattsburgh:
   a. Studio concentration (18 cr.)
   b. Additional studio electives (12 cr.)
   c. Art History elective (3 cr.)
   d. ART 471 Contemporary Art (AWR) (3 cr.) or ART 475 Art of the Book (AWR) (3 cr.)
   e. ART 472 and ART 473 (4 cr.)
   Transfer students will receive art major credit for art courses whose content is equivalent to SUNY Plattsburgh art courses, and for which a grade of C or higher was awarded.

BIOCHEMISTRY
(Biological Sciences and Chemistry Departments)
Coordinators: L. Luck and D. Slish

The undergraduate curriculum for the biochemistry major follows the recommendations of the American Society for Biochemistry and Molecular Biology (ASBMB). It provides an excellent basis for advanced study in biochemistry, biological sciences, and allied health professional (medical, dental, veterinary, public health) as well as direct entry into industrial and academic research.

For American Chemical Society Certification, students are required to additionally take CHE 321, CHE 430, CHE 431, CHE 455 (in place of CHE 451) and CHE 456.

BIOCHEMISTRY MAJOR
Bachelor of Science
Curriculum 0773 Requirements

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<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CREDITS</th>
<th>69-76</th>
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<tbody>
<tr>
<td>1. MAT 161</td>
<td>Introductory Statistics (3 cr.)</td>
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<tr>
<td>2. BIO 101</td>
<td>General Biology I (4 cr.) *</td>
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<td>3. BIO 102</td>
<td>General Biology II (4 cr.) *</td>
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<td>4. PHY 111</td>
<td>General Physics I (4 cr.)</td>
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<td>5. PHY 112</td>
<td>General Physics II (4 cr.)</td>
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<td>6. BIO 305</td>
<td>General Genetics (4 cr.)</td>
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<td>7. BIO 380</td>
<td>Communicating Bio (AWR) (3 cr.) or BIO 490 Cellular Biochemistry Research Experience (AWR) (15 cr.) ** or CHE 391 Written and Oral Reports (AWR) (3 cr.)</td>
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<td>8. BIO 401</td>
<td>Cell Biology (4 cr.) or BIO 490 Cellular Biochemistry Research Experience (AWR) (15 cr.) **</td>
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<td>9. BIO 495</td>
<td>Undergraduate Research (3 cr.) or BIO 490 Cellular Biochemistry Research Experience (AWR) (15 cr.) ** or CHE 495 Undergraduate Research (3 cr.)</td>
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<td>10. CHE 111</td>
<td>Fund. Principles of Chemistry I (4 cr.)</td>
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<td>11. CHE 112</td>
<td>Fund. Principles of Chemistry II (4 cr.)</td>
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<td>12. CHE 241</td>
<td>Organic Chemistry I (4 cr.)</td>
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<td>13. CHE 242</td>
<td>Organic Chemistry II (4 cr.)</td>
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<td>14. CHE 401</td>
<td>Biochemistry I (3 cr.)</td>
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<td>15. CHE 402</td>
<td>Biochemistry II (3 cr.)</td>
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<td>16. CHE 421</td>
<td>Advanced Analytical Chemistry (Instrumental) (4 cr.)</td>
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<td>17. CHE 451</td>
<td>Physical Chemistry I (3 cr.)</td>
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<td>18. CHE 481</td>
<td>Biochemistry Lab (1 cr.)</td>
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<td>19. MAT 221</td>
<td>Calculus for Life, Management and Social Sciences I (3 cr.) or MAT 224 Calculus I (4 cr.)</td>
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<tr>
<td>20. MAT 222</td>
<td>Calculus for Life, Management and Social Sciences II (3 cr.) or MAT 225 Calculus II (4 cr.)</td>
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TOTAL CREDITS minimum 120
(including General Education Requirements)

NOTE:
* BIO 101 and BIO 102 may be taken in any order (i.e., BIO 101 is not the prerequisite for BIO 102) and satisfy departmental major requirements.
** BIO 490 (15 cr.) satisfies Cell Biology (BIO 401, 4 cr.), the Advanced Writing Requirement (BIO 380, 3 cr.), Undergraduate Research (BIO 495, 3 cr.), Oral Expression (General Education Skills, 0 cr.), and five biology elective credits.
BIOLOGICAL SCIENCES

DEPARTMENT

Professors: P. Conrad, N. Elwess, D. Slish, F. D. Vogt
Associate Professors: N. Buckley (chairperson), J. de Ondarza
Assistant Professor: C. Martine
Lecturers: J. Marchut Conrad, C. Gregoire
Adjunct Instructor: S. Latourelle
Medical Technology Adjunct Faculty: R. Kranwinkel, N. Mitchell, L. Moore, S. Sena, A. Vicente
Cytotechnology Adjunct Faculty: M. Angeles-Friedlander, S. Giroux, J. Shaffer

Biological sciences at SUNY Plattsburgh emphasize the principles and methods of the life sciences. Students learn about current advances in many frontier areas of biology. Their advisors keep them abreast of expanding job opportunities — not only in industry and research, but also in medicine and other health science professions.

Students in all biological sciences specializations receive a sound liberal arts education. They learn to think critically, to analyze problems, and to formulate and demonstrate solutions. Many qualify and are encouraged to work actively in original research with members of the faculty, thus earning credits through undergraduate research.

Program requirements ensure that all majors receive a sound, general education in biology and gain experience in their specialization in advanced studies. Some advanced courses do not necessarily meet a particular student’s career aspirations. When this occurs, substitutions determined educationally sound may be made, subject to approval by the chairperson and the dean. Such substitutions could include the pursuance of special topics via independent study.

**Liberal Arts Biology:** The curricula for the B.A. and B.S. biology majors provide a rigorous foundation in fundamental biology to include study in more than one kingdom. Both curricula are firmly supported by chemistry, mathematics, and physics requirements; students are also afforded the opportunity to pursue study in interdisciplinary courses as preparation for successful participation in civic and societal endeavors that support the sciences. Both curricula provide excellent background for students interested in pursuing graduate studies in the life sciences (plant, fungal, animal, and microbe) or professional school in allied health (medical, dental, veterinary, pharmacy, or public health) as well as careers in industrial or academic research laboratories. In addition, students enrolled in the B.S. curriculum, upon successful completion of all cognate chemistry courses with a grade of C or better, earn a chemistry minor subsequent to submission of paperwork.

**Biochemistry:** The undergraduate curriculum for the biochemistry major follows the recommendations of the American Society for Biochemistry and Molecular Biology (ASMBM). It provides an excellent basis for advanced study in biochemistry, biological sciences, and allied health (medical, dental, veterinary, public health) as well as direct entry into industrial and academic research. With a few additional courses, the biochemistry degree is also certified by the American Chemical Society.

**Cytotechnology:** This program is designed for students interested in research or diagnostic cellular pathology, particularly as it pertains to cancer and viral infection. The curriculum closely parallels the medical technology program and prepares the student for the fourth-year clinical internship in the hospital setting. (SUNY Plattsburgh’s senior residency requirement is not applicable to this program.) Graduates will be eligible for the American Society of Clinical Pathologists’ Board of Registry examination to become board-certified cytotechnologists. Students must apply as juniors to clinical training centers for admission to the fourth-year internship. Acceptance to the internship is competitive, and admission to SUNY Plattsburgh does not guarantee placement in the clinical internship. Those accepted spend 12 months in residence at the clinical training center where they follow a curriculum approved by the Commission on Accreditation of Allied Health Education Programs and the American Society of Clinical Pathologists. Affiliated hospitals include the Memorial Sloan Kettering Cancer Center (New York, N.Y.), Albany Medical College (Albany, NY), Berkshire Medical Center (Pittsfield, Mass.), and Fletcher Allen Health Care (Burlington, Vt.). Admissions to nonaffiliated hospitals is also possible. The curriculum for the hospital program includes the cytology of the lungs, gastrointestinal system, breasts, genitourinary system, abdomen, body cavity fluids, thyroid and parathyroid glands, salivary glands, lymph nodes and CNS, with particular emphasis on gynecological cytology.

**Medical Technology:** This program is for students interested in careers in medical research, clinical laboratory analyses, and food or pharmaceutical industrial research. The curriculum involves three years of study in the sciences, humanities, and social sciences as preparation for the fourth year of clinical training in a hospital. (SUNY Plattsburgh’s senior residency requirement is not applicable to this program.) Admission to the medical technology program at SUNY Plattsburgh does not guarantee admission to a clinical training hospital. Students must apply as juniors to clinical training centers for admission to the fourth year of training. Acceptance to the fourth year is competitive and depends upon academic record, references, and attitude toward medical technology as a career. Those accepted spend 12 months in residence at a clinical training center where they follow a curriculum approved by the American Society of Clinical Pathologists and the American Medical Association. Affiliated hospitals include Berkshire Medical Center (Pittsfield, Mass.), Danbury Hospital (Danbury, Conn.), and Rochester General Hospital (Rochester, N.Y.). Admission to
nonaffiliated hospitals is also possible. The curriculum for the hospital program includes the following topics:

- **Microbiology** — 8 credits*
- **Immunology-Serology** — 1 credit
- **Hematology** — 8 credits
- **Blood Bank** — 4 credits
- **Urinalysis/Clinical Microscopy** — 1 credit
- **Principles of Disease** — 1 credit
- **Clinical Chemistry** — 8 credits
- **Elective** — No credit or 1 credit
* Credits for each of these subjects may vary by hospitals.

Students who complete clinical training successfully receive a B.S. in medical technology and become eligible to take the National Registry Examination. Those who pass the exam receive certification and privilege to use the title Medical Technologist (ASCP).

Students who plan to apply to schools of medical, dental, or veterinary medicine should not enroll in the medical technology program. They should enroll in one of the other biology programs and seek advice from the Pre-Health Professions Committee.

**Biology/Adolescence Education B.A./M.S.T.:** This combined degree program is for students who seek adolescence education teacher certification in biology. For more information see the Combined Programs section of this catalog.

**Three-Plus-Four Optometry:** This program option includes three years of study at SUNY Plattsburgh and four years of optometric education at the New York State School of Optometry. An interview is required for admission to this program option, and only students with fewer than 36 credits of college work are eligible for admission. Upon satisfactory performance at Plattsburgh, students are granted an interview for admission to the Optometry College. Upon successful completion of the first year of study at the New York State School of Optometry, students will be awarded the B.A. in biology from SUNY Plattsburgh. The curriculum of study at Plattsburgh includes the General Education Program plus basic courses in biology, chemistry, physics, and calculus.

**Undergraduate Research:** The Department of Biological Sciences offers students the opportunity to conduct a variety of research projects under the mentorship of department faculty. The research projects correspond to the research interests of the faculty, which are described in a publication available in the biology office. The research opportunities provide students with a greater appreciation of the process of scientific discovery. Students should speak with faculty to arrange research projects and complete the appropriate paperwork for registration. Research projects (BIO 495) may be conducted for one to six credit hours a semester. Alternatively, students may enroll in the Cellular Biochemistry Research Experience (BIO 490) which is offered each spring semester. This 15 credit hour course involves students in discussions, seminars, and immersion in original research. BIO 490 is open to science students regardless of major. Funding opportunities to support undergraduate research include Beaumont Grants-In-Aid Awards and Sigma Xi Undergraduate Research Awards, which provide students with small amounts of supply money for research projects. Students must prepare proposals describing the research in order to apply for these awards. The results of research projects may be presented at a campus-wide forum.

**Pre-Medical/Pre-Professional Program**

The Pre-Medical/Pre-Professional Program guides those students who desire entry into a medical, veterinary, or dental program upon graduation from SUNY Plattsburgh. The program consists of five semesters of course work that provides the student a broad-based education in the foundations of biology (16 credits), chemistry (20 credits), physics (8 credits), mathematics (8 credits), and general education (42 credits). This curriculum will (1) prepare students with the foundation courses necessary for the MCAT and (2) enable students to apply to medical/dental school in the summer between their third and fourth year at Plattsburgh. The Pre-Medical/Pre-Professional candidate will declare a degree major by the completion of their fourth or fifth semester. Typically, a candidate will declare either a B.A./B.S. biology major, a B.A./B.S. chemistry major, or a B.S. biochemistry major. Advisement through this program will be provided by one of the members of the Pre-Health Professions Advisory Committee (PHPAC). The student wishing to be part of this program should establish a file with the PHPAC by contacting the program’s chairperson.

**Pre-Health Professions Advisory Committee (PHPAC):**
D. Slish (chairperson), N. Elwess, K. Lavoie, L. Luck, J. Ryan

PHPAC provides pre-health advisement for students interested in medical, dental, veterinary, optometry, and other postgraduate professional schools. Admission to these schools can be a complicated process. PHPAC will help students with career choices and help to prepare them for the challenge through discussions with the student and by making available up-to-date literature on postgraduate schools. Entrance into medical or other professional schools does not require a strict premedical major; instead it mandates a set of core science requirements. The student interested in the health professions will be advised by a member of the PHPAC through the core requirements in a manner that best meets his/her academic needs. The committee will maintain a file on the student and will ultimately evaluate the student’s academic record in order to form a recommendation to the applicant school.

**Recommended Course of Study**

*First Semester (16 cr.)*

- a. **MAT 224**  Calculus I (4 cr.)
b. CHE 111 Fund. Principles of Chemistry I (4 cr.)
c. BIO 101 General Biology I (4 cr.)
d. ENG 101 College Writing II (3 cr.)
e. LIB 105 Intro. to Information and Technology Literacy (1 cr.)

Second Semester (15 cr.)
a. MAT 225 Calculus II (4 cr.)
b. CHE 112 Fund. Principles of Chemistry II (4 cr.)
c. BIO 102 General Biology II (4 cr.)
d. General Education Course (3 cr.)

Third Semester (15 cr.)
a. PHY 111 General Physics I (4 cr.)
b. CHE 241 Organic Chemistry I (4 cr.)
c. BIO 305 Genetics (4 cr.)
d. General Education Course (3 cr.)

Fourth Semester (15 cr.)
a. PHY 112 General Physics II (4 cr.)
b. CHE 242 Organic Chemistry II (4 cr.)
c. BIO 421 Principles Animal Physiology (4 cr.)
d. General Education Course (3 cr.)

Fifth Semester (15 cr.)
a. CHE 401 Biochemistry I (3 cr.)
b. CHE 481 Biochemistry Laboratory (1 cr.)
c. General Education Course (3 cr.)
d. General Education Course (3 cr.)
e. Science Elective Course (3 - 4 cr.)
f. Science Elective Course (3 cr.)

BIOLOGY MAJOR
Bachelor of Arts
Curriculum 0302 Requirements

MAJOR REQUIREMENTS CREDITS 68-72

A. Departmental Requirements: (39-40 cr.)
1. BIO 101 General Biology I (4 cr.)*
2. BIO 102 General Biology II (4 cr.)*
3. BIO 203 Microbiology (4 cr.) or
   BIO 205 Plant and Fungal Biology (3 cr.) or
   BIO 221 General Zoology (3 cr.) or
   BIO 329 Animal Behavior (3 cr.)
4. BIO 208 Evolution (3 cr.)
5. BIO 304 Ecology (4 cr.) or
   ENV 304 Ecology (4 cr.)
6. BIO 305 General Genetics (4 cr.)
7. BIO 380 Communicating Biology (AWR) (3 cr.) or
   BIO 490 Cellular Biochemistry Research Experience (AWR)** (15 cr.)
8. BIO 401 Cell Biology (4 cr.) or
   BIO 490 Cellular Biochemistry Research Experience (AWR)** (15 cr.)
9. BIO 411 Plant Physiology (4 cr.) or
   BIO 421 Principles of Animal Physiology (4 cr.)
10. Biology Electives (6 cr.)
    Must be BIO 300 or BIO 400 courses excluding BIO 495 and BIO 496

B. Cognate Requirements: (29-32 cr.)
1. CHE 111 Fundamental Principles of Chemistry I (4 cr.)
2. CHE 112 Fundamental Principles of Chemistry II (4 cr.)
3. PHY 111 General Physics (4 cr.)
4. CHE 240 Fundamentals of Organic Chemistry (5 cr.)
5. CHE 371 General Biochemistry (4 cr.) or
   CHE 308 Environmental Chemistry (3 cr.) or
   CHE 401 Biochemistry I (3 cr.)
6. MAT 161 Introductory Statistics (3 cr.)
7. Select option a or b (6-8 cr.)
   a. MAT 221 Calculus for Life, Management, & Social Sciences I (3 cr.)
   MAT 222 Calculus for Life, Management, & Social Sciences II (3 cr.)
   b. MAT 224 Calculus I (4 cr.)
   MAT 225 Calculus II (4 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

NOTES:
* BIO 101 and BIO 102 may be taken in any order
(i.e., BIO 101 is not the prerequisite for BIO 102) and
satisfy departmental major requirements.
** BIO 490 (15 cr.) satisfies Cell Biology (BIO 401, 4 cr.),
the Advanced Writing Requirement (BIO 380, 3 cr.), Oral
Expression (General Education Skills, 0 cr.), and eight
biology elective credits.
B. Cognate Requirements: (37-39 cr.)
1. CHE 111 Fundamental Principles of Chemistry I (4 cr.)
2. CHE 112 Fundamental Principles of Chemistry II (4 cr.)
3. PHY 111 General Physics I (4 cr.)
4. PHY 112 General Physics II (4 cr.)
5. CHE 241 Organic Chemistry I (4 cr.)
6. CHE 242 Organic Chemistry II (4 cr.)
7. Select a or b (4 cr.):
   a. CHE 371 General Biochemistry (4 cr.)
   b. CHE 401 Biochemistry I (3 cr.)
   CHE 481 Biochemistry Laboratory I (1 cr.)
8. MAT 161 Introductory Statistics (3 cr.)
9. Select a or b (6-8 cr.):
   a. MAT 221 Calculus for the Life, Management & Social Sciences I (3 cr.)
   MAT 222 Calculus for the Life, Management & Social Sciences II (3 cr.)
   b. MAT 224 Calculus I (4 cr.)
   MAT 225 Calculus II (4 cr.)

TOTAL CREDITS minimum 120 (including General Education Requirements)

A minor in chemistry may be declared if a grade of C or better is earned in all chemistry courses included in the cognate requirements.

NOTES:
* BIO 101 and BIO 102 may be taken in any order (i.e., BIO 101 is not the prerequisite for BIO 102) and satisfy departmental major requirements.
** BIO 490 (15 cr.) satisfies Cell Biology (BIO 401, 4 cr.), the Advanced Writing Requirement (BIO 380, 3 cr.), Oral Expression (General Education Skills, 0 cr.), and eight biology elective credits.

Three-Four Program Optometry Option
Three years of study at SUNY Plattsburgh and four years of optometric education at the New York State School of Optometry. An interview is required for admission and only students with fewer than 36 credits of college work are eligible for admission. Upon satisfactory performance at Plattsburgh, students are granted an interview for admission to the Optometry College. Upon successful completion of the first year of study at the New York State College of Optometry, students will be awarded the Bachelor of Arts in biology from SUNY Plattsburgh. The curriculum of study at Plattsburgh includes the General Education Program plus basic courses in biology, chemistry, physics, and calculus.

Biology Major
Bachelor of Arts
Curriculum 0733 Requirements

MAJOR REQUIREMENTS: 89
A. Departmental Requirements: (23 cr.)
1. BIO 101 General Biology I (4 cr.) *
2. BIO 102 General Biology II (4 cr.) *
3. BIO 304 Ecology (4 cr.)
4. BIO 305 General Genetics (4 cr.)
5. BIO 380 Communicating Biology (AWR) (3 cr.)
6. BIO 401 Cell Biology (4 cr.)

B. Cognate Requirements: (40 cr.)
1. CHE 111 Fund. Principles of Chemistry I (4 cr.)
2. CHE 241 Organic Chemistry I (4 cr.)
4. CHE 242 Organic Chemistry II (4 cr.)
5. CHE 371 General Biochemistry (4 cr.)
6. MAT 161 Introductory Statistics (3 cr.)
7. MAT 221 Calculus for the Life, Management, and Social Sciences I (3 cr.)
8. MAT 222 Calculus for the Life, Management, and Social Sciences II (3 cr.)
9. PHY 111 General Physics I (4 cr.)
10. PHY 112 General Physics II (4 cr.)
11. PSY 101 General Psychology (3 cr.)

C. Optometry Requirements: (26 cr.)
First year at New York State School of Optometry (26 cr.)

TOTAL CREDITS minimum 120 (including General Education Requirements)

* BIO 101 and BIO 102 may be taken in any order (e.g., BIO 101 is not the prerequisite for BIO 102).
B. Cognate Requirements: (30 cr.)
1. Chemistry: (17 cr.)
   a. CHE 111 Fund. Principles of Chemistry I (4 cr.)
   b. CHE 112 Fund. Principles Chemistry II (4 cr.)
   c. CHE 240 Fund. of Organic Chemistry (5 cr.)
   d. CHE 371 General Biochemistry (4 cr.)

2. Mathematics: (9 cr.)
   a. MAT 161 Introductory Statistics (3 cr.)
   b. MAT 221 Calculus for the Life, Management, and Social Sciences I (3 cr.)
   c. MAT 222 Calculus for the Life, Management, and Social Sciences II (3 cr.)

3. PHY 101 Introduction to Physics (4 cr.)

C. ASCP Clinical Requirements: (30 cr.)
Fourth-year clinical training at affiliated or approved medical center. Placement into clinical training is competitive.

TOTAL CREDITS minimum 120
(including General Education Requirements***)

NOTES:
* BIO 101 and BIO 102 may be taken in any order (i.e., BIO 101 is not the prerequisite for BIO 102) and satisfy departmental major requirements.
** BIO 490 (15 cr.) satisfies Cell Biology (BIO 401, 4 cr.), the Advanced Writing Requirement (BIO 380, 3 cr.), Oral Expression (General Education Skills, 0 cr.), and eight biology elective credits.
*** Students completing the clinical training in cytotechnology are exempt from the Integration component of the general education program.

MEDICAL TECHNOLOGY MAJOR
Bachelor of Science
Curriculum 0722 Requirements

MAJOR REQUIREMENTS CREDITS 94-107

A. Departmental Requirements: (30-43 cr.)
1. BIO 101 General Biology I (4 cr.) *
2. BIO 102 General Biology II (4 cr.) *
3. BIO 203 Microbiology (4 cr.)
4. BIO 305 General Genetics (4 cr.)
5. BIO 380 Communicating Biology (AWR) (3 cr.) or
   BIO 490 Cell. Biochemistry Research Experience (AWR) (15 cr.)**
6. BIO 401 Cell Biology (4 cr.) or
7. BIO 490 Cell. Biochemistry Research Experience (AWR) (15 cr.)**
8. BIO 407 Immunology (3-4 cr.)
9. BIO 421 Principles of Animal Physiology (4 cr.) ***

B. Cognate Requirements: (34 cr.)
1. Chemistry: (21 cr.)
   a. CHE 111 Fund. Principles of Chemistry I (4 cr.)
   b. CHE 112 Fund. Principles Chemistry II (4 cr.)
   c. CHE 240 Fund. of Organic Chemistry (5 cr.)
   d.CHE 321 Quantitative Chemistry (4 cr.)
   e. CHE 371 General Biochemistry (4 cr.)

2. Mathematics: (9 cr.)
   a. MAT 161 Introductory Statistics (3 cr.)
   b. MAT 221 Calculus for the Life, Management, and Social Sciences I (3 cr.)
   c. MAT 222 Calculus for the Life, Management, and Social Sciences II (3 cr.)

3. PHY 101 Introduction to Physics (4 cr.)

C. ASCP Clinical Requirements: (30 cr.)
Fourth-year clinical training at affiliated or approved medical center. Placement into clinical training is competitive.

TOTAL CREDITS minimum 120
(including General Education Requirements****)

NOTES:
* BIO 101 and BIO 102 may be taken in any order (i.e., BIO 101 is not the prerequisite for BIO 102) and satisfy departmental major requirements.
** BIO 490 (15 cr.) satisfies Cell Biology (BIO 401, 4 cr.), the Advanced Writing Requirement (BIO 380, 3 cr.), Oral Expression (General Education Skills, 0 cr.), and eight biology elective credits.
*** BIO 326-327 may be used to satisfy BIO 421 and four credits of electives (both courses must be taken).
**** Students completing the clinical training in medical technology are exempt from the Integration component of the general education program.
SCHOOL OF BUSINESS AND ECONOMICS

Dean (Interim): R. Guydosh
Assistant Dean: T. Marlow

ACCOUNTING DEPARTMENT
Professors: J. Coffey, M. Gaber (chairperson), E. Lusk
Associate Professor: C. Lee
Assistant Professor: E. Kandiel
Lecturers: M. Kaiser, D. Steria
Adjunct Faculty: one additional position

BUSINESS AND SUPPLY CHAIN MANAGEMENT DEPARTMENT
Associate Professors: K. Choe, B. Neureuther, K. O’Neill (chairperson)
Lecturer: H. Carpenter

ECONOMICS AND FINANCE DEPARTMENT
Professors: R. Christopherson (chairperson), G. Gregoriou, C. Read
Associate Professor: N. Duffy
Assistant Professors: N. Nandi, R. Pascalau, K. Petrova
Lecturer: S. Gras
Adjunct Faculty: Three positions

HOTEL, RESTAURANT AND TOURISM MANAGEMENT DEPARTMENT
Associate Professors: M. Gultek, R. Guydosh
Lecturers: D. Hensarling (chairperson), J. Parmelee, R. Rolfs
Hospitality Management Training Center Manager: K. Emery
Adjunct Faculty: One position

MANAGEMENT AND INTERNATIONAL BUSINESS DEPARTMENT
Professors: M. Djerdjouri (chairperson), F. Moussa
Associate Professors: E. Chrysostome, R. Guydosh
Assistant Professors: R. Rampal, Z. Zhang
Instructor: A. Barakat
Lecturer: D. Austin
Adjunct Faculty: Seven positions

MARKETING AND ENTREPRENEURSHIP DEPARTMENT
SUNY Distinguished Service Professor: N. Church (chairperson)
Professor: L. Heroux
Associate Professor: J. Csipak
Lecturer: R. Gottschall
Adjunct Faculty: One position

The business program within the School of Business and Economics (SBE) is accredited by the Association to Advance Collegiate Schools of Business, AACSB International. SUNY Plattsburgh is the first non-Ph.D. granting SUNY institution to have its business program be a member of the group of prestigious business programs that are accredited by AACSB International. Currently, approximately 550 business programs are accredited by AACSB International, globally. In addition, the hotel, restaurant and tourism management program is accredited by the Accreditation Commission for Programs in Hospitality Administration (ACPHA).

Accreditation by AACSB International and ACPHA assures our students and alumni and employers of our graduates that a rigorous self-evaluation and peer-review process certifies that the SBE provides a high-quality business education supported by strong and continuously improved curricula, faculty, and instructional facilities. Accreditation also ensures that the SBE’s mission is appropriate and meets the high standards of prestigious business schools: “We shape future business professionals by preparing our diverse students with the knowledge, skills, and experiential learning necessary for the global marketplace.”

The SBE offers the following undergraduate degree programs:

1. Bachelor of Science (Accounting)
2. Bachelor of Science (Business)
3. Bachelor of Science/Bachelor of Science (Economics)
4. Bachelor of Science (Entrepreneurship)
5. Bachelor of Science (Finance)
6. Bachelor of Science (Global Supply Chain Management)
7. Bachelor of Science (Hotel, Restaurant, and Tourism Management)
8. Bachelor of Science (International Business)
9. Bachelor of Science (Management)
10. Bachelor of Science (Management Information Systems)
11. Bachelor of Science (Marketing)

All students in the SBE are required to complete 120 credit hours of course work for conferral of the appropriate degree. Included in the 120 credit hour requirements are 35-43 credit hours of general education.

All students in the Bachelor of Science programs in accounting, business, entrepreneurship, finance, global supply chain management, international business, management, management information systems, and marketing must complete the following 42 credit hours of business core courses plus six-seven credits of cognates.
Business Core: (42 cr.)
1. ACC 201 Principles of Accounting I (3 cr.)
2. ACC 202 Principles of Accounting II (3 cr.)
3. ACC 351 Legal Environment of Business (3 cr.)
4. FIN 355 Principles of Finance (3 cr.)
5. ECO 110 Intro. to Microeconomics (3 cr.)
6. ECO 111 Intro. to Macroeconomics (3 cr.)
7. ECO 260 Economics Statistics I (3 cr.)
8. ECO 362 Business Statistics II (3 cr.)
9. MGM 275 Business Applications and Information Systems (3 cr.)
10. MGM 280 Principles of Management (3 cr.)
11. MKE 290 Principles of Marketing (3 cr.)
12. MGM 350 Quantitative Analysis Models (3 cr.)
13. BUS 388 Seminar in Professionalism (3 cr.)
14. MGM 490 Strategic Management (3 cr.)

Cognate Requirements: (6-7 cr.)
1. BUS 203 Business Ethics and Modern Society (3 cr.) or
   CMM 101 Introduction to Public Speaking (3 cr.)
2. MAT 221 Calculus for the Life, Management, and Social Sciences I (3 cr.) or
   MAT 224 Calculus I (4 cr.)

TOTAL CORE CREDITS 48-49

The business programs develop competence and skills in such functional fields as accounting, marketing, human resource management and financial management, international and comparative management, business law, and quantitative analysis. The curricula include decision-making leadership principles, writing, communication, and problem-solving strategies. The programs also help students prepare for graduate study in business or specialized areas and related disciplines, such as law, economics, and international business.

The major in business offers a curriculum designed to prepare students for a leadership or management position in a variety of industries. Real-world, hands-on, and experiential class projects are supported by a strong theoretical grounding to greatly enhance their business experience and set them apart in the business marketplace.

The major in entrepreneurship, the only one in the SUNY system, offers a curriculum to prepare students to start their own business and/or to become a project manager in a large business. In addition to real-world, hands-on, and experiential class projects, the program incorporates flexibility to tailor some of students requirements to students interests to help them reach their own entrepreneurial objectives. A dynamic Students in Free Enterprise (SIFE) organization provides opportunities for student competitions with other schools.

The major in global supply chain management prepares students for management positions that coordinate the flow of product, information, and cash from the raw-material suppliers to the consumer in a global context. This program, the only one in SUNY, offers a unique blend of multidisciplinary coursework focusing on theoretical, strategic, and analytical skills along with industrial experience through an internship.

The major in international business gives students the opportunity to develop international perspectives based on living, learning, and working experience abroad. Program design and course requirements are integrated with area studies, foreign languages, study abroad, and internships.

The major in management provides a balance of hands-on experience and academics to prepare students for a 21st century career in management in a variety of industries. Real-world, hands-on class projects and internship opportunities greatly enhance their management experience and make them more marketable to prospective employers.

The major in management information systems provides students with an understanding of fundamental management issues related to the use of information technology and trains them to become business professionals who can use computers and other technology to manage information within an organization and enable business success.

The major in marketing provides a balance of hands-on experience and dynamic coursework to prepare students for a 21st century career in marketing in a variety of industries. Real-world, hands-on class projects and internship opportunities greatly enhance their understanding of marketing and make them more marketable to prospective employers. An active marketing club provides further opportunities for gaining marketing leadership experience. Students are also well prepared for advanced graduate study.

The major in accounting prepares students for careers in public accounting, corporate accounting, and governmental and nonprofit organizations. Students may choose courses that prepare them for the CPA examination and other professional examinations such as the Certified Management Accountant (CMA) examination. This program also prepares students to continue studies at the graduate level in areas such as business, accounting, and taxation.

The major in economics focuses on understanding economic theory, its historical development, and its application to the study of significant socio-political and economic problems. The curriculum covers principles of government and business, international trade and investment, economic history, labor-management relations, labor economics, urban and regional economics, economic development, monetary and fiscal policy, banking and finance, business cycle theories, energy and environmental economics, and managerial economic problems. A B.A. or a B.S. in economics may lead to a career in banking, business, or government. It may also serve as preparation for graduate study in economics, professional study in law, or a specialized area of business or public administration.

The student majoring in finance will be well prepared for a variety of jobs within the financial services sector. Recent graduates hold positions in investment banking, commercial banking, financial analysis, retirement planning, currency and commodity trading, brokerage, speculation and arbitrage. Finance has been and will continue to be one of the fastest growing occupations...
for years to come as baby boomers retire and plan for their retirement. Compensation in the area of finance is considerably above the national average for all college graduates.

The major in hotel, restaurant and tourism management prepares students for careers in the hotel, restaurant, and tourism industries. This multidisciplinary field prepares students with expertise in management, marketing, and operations in the expanding industry that provides food, accommodations, and services to people away from home.

Admission to SBE majors is competitive and is contingent upon academic qualifications. Effective fall 2007, a cumulative GPA of 2.3 or better is required for a student to be considered for transfer admission, readmission, or internal transfer into any major in the SBE. A student who does not have a GPA of 2.3 can be admitted to and can complete any SBE minor. Upon completion of a minor, with a GPA of 2.3 in the minor classes, a student could then be considered for admission to a major in the SBE.

The School of Business and Economics also offers minors in accounting, business, economics, finance, global supply chain management, international business, management information systems, and marketing, as well as a more quantitative minor in business analysis. A specialized joint minor in broadcast management is also offered to broaden career opportunities for students.

Students with junior status may complete the B.S. in management program at SUNY Plattsburgh’s Branch Campus at Adirondack Community College, Queensbury, N.Y. (For more information on the Branch Campus, see Branch Campus in the Regional, Local, and Campus Overview section of this catalog.)

ACCOUNTING MAJOR
Bachelor of Science
Curriculum 0755 Requirements

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<tr>
<th>MAJOR REQUIREMENTS</th>
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<tbody>
<tr>
<td>A. Departmental Requirements: (75 cr.)</td>
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<tr>
<td>1. ACC 201 Principles of Accounting I (3 cr.)</td>
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<td>2. ACC 202 Principles of Accounting II (3 cr.)</td>
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<td>3. ACC 301 Intermediate Accounting I (3 cr.)</td>
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<td>4. ACC 302 Intermediate Accounting II (3 cr.)</td>
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<td>5. ACC 305 Cost Accounting (3 cr.)</td>
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<td>6. ACC 306 Accounting Information Systems (3 cr.)</td>
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<td>7. ACC 307 Government and Nonprofit Accounting (3 cr.)</td>
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<td>8. ACC 351 Legal Environment of Business (3 cr.)</td>
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<td>9. ACC 352 Business Law for Accounting Majors (3 cr.)</td>
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<td>10. ACC 401 Advanced Accounting (3 cr.)</td>
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<td>11. ACC 402 Auditing (3 cr.)</td>
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<td>12. ACC 403 Income Tax I (3 cr.)</td>
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<td>13. Select one course: (3 cr.)</td>
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<td>ACC 377 International Accounting (3 cr.)</td>
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<td>ACC 404 Income Tax II (3 cr.)</td>
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<td>ACC 405 Advanced Cost Accounting (3 cr.)</td>
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<td>ACC 406 Accounting Theory (3 cr.)</td>
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ACC 408 Advanced Auditing (3 cr.) *
ACC 444 Selected Topics in Accounting (3 cr.)

14. Select one course: (3 cr.)
ECO 380 Public Finance (3 cr.)
FIN 385 Corporate Financial Mgmt (3 cr.)
FIN 390 Money and Banking (3 cr.)
FIN 396 Money and Capital Markets (3 cr.)
FIN 400 International Financial Mgmt (3 cr.)
FIN 480 Stock Market Invest & Analysis (3 cr.)

15. ECO 110 Introduction to Microeconomics (3 cr.)
16. ECO 111 Introduction to Macroeconomics (3 cr.)
17. MGM 275 Business Applications and Information Systems (3 cr.)
18. MGM 280 Principles of Management (3 cr.)
19. MKE 290 Principles of Marketing (3 cr.)
20. ECO 260 Economics Statistics I (3 cr.)
21. ECO 362 Business Statistics II (3 cr.)
22. FIN 355 Principles of Finance (3 cr.)
23. MGM 350 Quantitative Analysis Models (3 cr.)
24. BUS 388 Seminar in Professionalism (AWR) (3 cr.)
25. MGM 490 Strategic Management (3 cr.)

B. Cognate Requirements: (6-7 cr.)
1. BUS 203 Business Ethics and Modern Society (3 cr.) or
   CMM 101 Introduction to Public Speaking (3 cr.)
2. MAT 221 Calculus for the Life, Mgmt. and Social Sciences I (3 cr.) or
   MAT 224 Calculus I (4 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

*Recommended for those planning to sit for the CPA examination.
**Recommended for the CMA examination.

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall 2.0 GPA in all accounting, business, economics, finance, management, marketing, and supply chain management (ACC, BUS, ECO, FIN, MGM, MKE, SCM) courses.
2. The residency requirement for all accounting majors is a minimum of 37 major (ACC, BUS, ECO, FIN, MGM, MKE, SCM) credits completed at Plattsburgh.

BUSINESS MAJOR
Bachelor of Science
Curriculum 0725 Requirements

<table>
<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
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<tr>
<td>A. Departmental Requirements: (60 cr.)</td>
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<tr>
<td>1. ACC 201 Principles of Accounting I (3 cr.)</td>
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<td>2. ACC 202 Principles of Accounting II (3 cr.)</td>
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<td>3. ACC 301 Legal Environment of Business (3 cr.)</td>
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<td>4. BUS 388 Seminar in Professionalism (AWR) (3 cr.)</td>
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<td>5. ECO 110 Introduction to Microeconomics (3 cr.)</td>
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<td>6. ECO 111 Introduction to Macroeconomics (3 cr.)</td>
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<tr>
<td>7. ECO 260 Economics Statistics (3 cr.)</td>
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<td>8. ECO 362 Business Statistics II (3 cr.)</td>
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9. FIN 355  Principles of Finance (3 cr.)
10. MGM 275  Business Applications and Information Systems (3 cr.)
11. MGM 280  Principles of Management (3 cr.)
12. MGM 350  Quantitative Analysis Models (3 cr.)
13. MGM 490  Strategic Management (3 cr.)
14. MKE 290  Principles of Marketing (3 cr.)
15. SCM 370  Supply Chain Management (3 cr.)
16. Select one course (3 cr.):
    ACC 377  International Accounting (3 cr.)
    ECO 391  International Trade and Finance (3 cr.)
    FIN 400  International Financial Mgmt (3 cr.)
    MGM 315  International Bus. Mgmt. (3 cr.)
    MGM 316  Comparative and Multinational Management (3 cr.)
    MGM 326  International Marketing Oper (3 cr.)
    MKE 317  Intro. to Bus. and Eco. in Hispanic Cultures (3 cr.)
    MKE 326  International Marketing Operations (3 cr.)
17. ACC, ECO, FIN, MGM, MKE, SCM Electives: 300/400 level (12 cr.)

B. Cognate Requirements: (6-7 cr.)
1. BUS 203  Business Ethics and Modern Society (3 cr.) or
   CMM 101  Introduction to Public Speaking (3 cr.)
2. MAT 221  Calculus for the Life, Mgmt and Social Sciences I (3 cr.) or
   MAT 224  Calculus I (4 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in accounting, business economics, finance, management, marketing, and supply chain management (ACC, BUS, ECO, FIN, MGM, MKE, SCM) courses.
2. A minimum of 30 major (ACC, BUS, ECO, FIN, MGM, MKE, SCM) credits completed at Plattsburgh.

ENTREPRENEURSHIP MAJOR
Bachelor of Science
Curriculum 0105 Requirements

MAJOR REQUIREMENTS CREDITS

A. Departmental Requirements: (63 cr.)
1. ACC 201  Principles of Accounting I (3 cr.)
2. ACC 202  Principles of Accounting II (3 cr.)
3. ACC 351  Legal Environment of Business (3 cr.)
4. BUS 388  Seminar in Professionalism (AWR) (3 cr.)
5. ECO 110  Introduction to Microeconomics (3 cr.)
6. ECO 111  Introduction to Macroeconomics (3 cr.)
7. ECO 260  Economics Statistics I (3 cr.)
8. ECO 362  Business Statistics II (3 cr.)
9. FIN 350  Financial Planning (3 cr.)
10. FIN 355  Principles of Finance (3 cr.)
11. MGM 275  Business Applications and Information Systems (3 cr.)
12. MGM 280  Principles of Management (3 cr.)
13. MKE 290  Principles of Marketing (3 cr.)
14. MGM 350  Quantitative Analysis Models (3 cr.)
15. Select one course (3 cr.):
    ACC 377  International Accounting (3 cr.)
    ECO 391  International Trade and Finance (3 cr.)
    MGM 315  International Bus. Mgmt. (3 cr.)
    MKE 317  Intro. to Bus. and Eco. in Hispanic Cultures (3 cr.)
    MKE 326  International Marketing Operations (3 cr.)
    MKE 410  Franchising in the U.S., Canada and Mexico (3 cr.)
16. MKE 323  Retail Store Management (3 cr.)
17. MKE 334  Entrepreneurship and Intrapreneurship (3 cr.)
18. MKE 336  Small Business Management (3 cr.)
19. MGM 490  Strategic Management (3 cr.)
20. Select one entrepreneurship/marketing/management course: (3 cr.)
    MKE 443  Selected Topics in Entrepreneurship (3 cr.)
    MKE 321  Principles of Advertising (3 cr.)
    MKE 322  Sales Force Management (3 cr.)
    MKE 325  Marketing Channels Strategy (3 cr.)
    MKE 328  Services Marketing (3 cr.)
    MKE 422  Business-to-Business Marketing (3 cr.)
    MKE 442  Selected Marketing Topics (3 cr.)*
    MGM 444  Selected Topics in Management (3 cr.)
Other course approved by department chair.
*May not take same topics course to satisfy #15 and #20.
21. Select one course (3 cr.):
    MKE 498  Internship (3 cr.)
    MKE 499  Independent Study (3 cr.)

B. Cognate Requirements: (6-7 cr.)
1. BUS 203  Business Ethics and Modern Society (3 cr.) or
   CMM 101  Introduction to Public Speaking (3 cr.)
2. MAT 221  Calculus for the Life, Mgmt and Social Sciences I (3 cr.) or
   MAT 224  Calculus I (4 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in accounting, business economics, entrepreneurship, finance, management, and marketing (ACC, BUS, ECO, FIN, MGM, MKE) courses.
2. A minimum of 30 major (ACC, BUS, ECO, FIN, MGM, MKE) credits completed at Plattsburgh.
GLOBAL SUPPLY CHAIN MANAGEMENT MAJOR  
Bachelor of Science  
Curriculum 0294 Requirements

MAJOR REQUIREMENTS  CREDITS  75-76

A. Departmental Requirements: (69 cr.)  
I. SBE Core (42 cr.)  
1. ACC 201 Principles of Accounting I (3 cr.)  
2. ACC 202 Principles of Accounting II (3 cr.)  
3. ACC 351 Legal Environment of Business (3 cr.)  
4. BUS 388 Seminar in Professionalism (AWR) (3 cr.)  
5. ECO 110 Introduction to Microeconomics (3 cr.)  
6. ECO 111 Introduction to Macroeconomics (3 cr.)  
7. ECO 260 Economics Statistics I (3 cr.)  
8. ECO 362 Business Statistics II (3 cr.)  
9. FIN 355 Principles of Finance (3 cr.)  
10. MGM 275 Business Applications & Information Systems (3 cr.)  
11. MGM 280 Principles of Management (3 cr.)  
12. MKE 290 Principles of Marketing (3 cr.)  
13. MGM 350 Quantitative Analysis for Prod. Systems (3 cr.)  
14. MGM 490 Strategic Management (3 cr.)  
II. Supply Chain Management Requirements (18 cr.)  
1. SCM 301 Global Operations Management (3 cr.)  
2. SCM 370 Supply Chain Management (3 cr.)  
3. MKE 402 Procurement (3 cr.)  
4. SCM 435 Transnational Issues in Supply Chains (3 cr.)  
5. SCM478 Global Supply Chain Strategy (3 cr.)  
6. SCM 498 Global Supply Chain Internship (3 cr.)  
III. Electives (9 cr.)  
Select one track  
Select three courses:  
MGM 325 Marketing Channels Strategy (3 cr.)  
MKE 401 Interactive Marketing and E-Commerce (3 cr.)  
MKE 403 Cross Border Goods and Human Services (3 cr.)  
MKE 410 Franchising in the U.S., Canada, and Mexico (3 cr.)  
MKE 422 Business to Business Marketing (3 cr.)  
Selected Marketing Topics with approval of the chair (3 cr.)  
2. Logistics Track  
Select three courses:  
SCM 412 Warehousing and Inventory Management (3 cr.)  
SCM 382 System Dynamics and Supply Chains (3 cr.)  
SCM 378 Quality Management (3 cr.)  
SCM 375 Project/Process Management (3 cr.)  
MGM 447 Lean Organizing and Manufacturing (3 cr.)  
MGM 440 Management Information Systems (3 cr.)  

B. Cognate Requirements: (6-7 cr.)  
1. BUS 203 Business Ethics and Modern Society (3 cr.) or  
CMM 101 Introduction to Public Speaking (3 cr.)  
2. MAT 221 Calculus for the Life, Mgmt. and Social Sciences I (3 cr.) or  
MAT 224 Calculus I (4 cr.)

TOTAL CREDITS minimum 120  
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS  
1. A minimum overall GPA of 2.0 in all accounting, business, economics, finance, management, marketing, and supply chain management (ACC, BUS, ECO, FIN, MGM, MKE, SCM) courses.  
2. A majority of all accounting, business, economics, finance, management, marketing, and supply chain management (ACC, BUS, ECO, FIN, MGM, MKE, SCM) courses must be taken at Plattsburgh.

INTERNATIONAL BUSINESS MAJOR  
Bachelor of Science  
Curriculum 0106 Requirements

MAJOR REQUIREMENTS  CREDITS  69-70

A. Departmental Requirements: (63 cr.)  
1. ACC 201 Principles of Accounting I (3 cr.)  
2. ACC 202 Principles of Accounting II (3 cr.)  
3. ACC 351 Legal Environment of Business (3 cr.)  
4. ACC 377 International Accounting (3 cr.)  
5. BUS 203 Business Ethics and Modern Society (3 cr.) or  
CMM 101 Introduction to Public Speaking (3 cr.)  
6. ECO 110 Introduction to Microeconomics (3 cr.)  
7. ECO 111 Introduction to Macroeconomics (3 cr.)  
8. ACC 377 International Accounting (3 cr.)  
9. MKE 325 Marketing Channels Strategy (3 cr.)  
10. MKE 401 Interactive Marketing and E-Commerce (3 cr.)  
11. MKE 403 Cross Border Goods and Human Services (3 cr.)  
12. MKE 410 Franchising in the U.S., Canada, and Mexico (3 cr.)  
13. MKE 422 Business to Business Marketing (3 cr.)  
14. MKE 422 Business to Business Marketing (3 cr.)  
15. selected Marketing Topics with approval of the chair (3 cr.)  
16. Logistics Track  
Select three courses:  
SCM 412 Warehousing and Inventory Management (3 cr.)  
SCM 382 System Dynamics and Supply Chains (3 cr.)  
SCM 378 Quality Management (3 cr.)  
SCM 375 Project/Process Management (3 cr. )  
MGM 447 Lean Organizing and Manufacturing (3 cr.)  
MGM 440 Management Information Systems (3 cr.)  

B. Cognate Requirements: (6-7 cr.)  
1. BUS 203 Business Ethics and Modern Society (3 cr.) or  
CMM 101 Introduction to Public Speaking (3 cr.)  
2. MAT 221 Calculus for the Life, Mgmt. and Social Sciences I (3 cr.) or  
MAT 224 Calculus I (4 cr.)

TOTAL CREDITS minimum 120  
(including General Education Requirements)
8. ECO 260 Economics Statistics I (3 cr.)
9. ECO 362 Business Statistics II (3 cr.)
10. ECO 391 International Trade and Finance (3 cr.)
11. FIN 355 Principles of Finance (3 cr.)
12. FIN 400 International Management (3 cr.)
13. MGM 275 Business Applications and Information Systems (3 cr.)
14. MGM 280 Principles of Management (3 cr.)
15. MKE 290 Principles of Marketing (3 cr.)
16. MGM 315 International Business Mgmt. (3 cr.)
17. MGM 316 Comparative and Multinational Management (3 cr.)
18. MKE 326 International Marketing Oper (3 cr.)
19. MGM 350 Quantitative Analysis Models (3 cr.)
20. MGM 490 Strategic Management (3 cr.)
21. Business/Economics elective: 300/400 level (3 cr.)

B. Cognate Requirements: (6-7 cr.)
1. BUS 203 Business Ethics and Modern Society (3 cr.) or CMM 101 Intro. to Public Speaking (3 cr.)
2. MAT 221 Calculus for the Life, Mgmt and Social Sciences I (3 cr.) or MAT 224 Calculus I (4 cr.)

TOTAL CREDITS minimum 120 (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in accounting, business, economics, finance, management, marketing, and supply chain management (ACC, BUS, ECO, FIN, MGM, MKE, SCM) courses.
2. A minimum of 28 (ACC, BUS, ECO, FIN, MGM, MKE, SCM) major credit hours completed at Plattsburgh.

MANAGEMENT MAJOR
Bachelor of Science
Curriculum 0107* or 0295** Requirements

MAJOR REQUIREMENTS 69-70

A. Departmental Requirements: (63 cr.)
1. ACC 201 Principles of Accounting I (3 cr.)
2. ACC 202 Principles of Accounting II (3 cr.)
3. ACC 351 Legal Environment of Business (3 cr.)
4. BUS 388 Seminar in Professionalism (AWR) (3 cr.)
5. ECO 110 Introduction to Microeconomics (3 cr.)
6. ECO 111 Introduction to Macroeconomics (3 cr.)
7. MGM 317 Research Methods (3 cr.)
8. MGM 445 Operations Management (3 cr.)
9. FIN 355 Principles of Finance (3 cr.)
10. MGM 275 Business Applications and Information Systems (3 cr.)
11. MGM 280 Principles of Management (3 cr.)
12. MKE 290 Principles of Marketing (3 cr.)
13. MGM 310 Human Resource Management (3 cr.)
14. MGM 311 Organizational Behavior (3 cr.)
15. MGM 350 Quantitative Analysis Models (3 cr.)
16. MGM 445 Operations Management (3 cr.)
17. MGM 490 Strategic Management (3 cr.)
18. Select one International course: (3 cr.)
    MGM 315 International Bus Mgmt (3 cr.)
    MGM 316 Comparative & Multinational Mgmt. (3 cr.)
19. Select three courses: (9 cr.)
    BUS 333 Canadian and U.S. Business: A Comparative View (3 cr.)
    MGM 313 Ethics in Business Management (3 cr.)
    MGM 314 Labor Relations (3 cr.)
    MGM 315 International Business Mgmt (3 cr.)
    MGM 316 Comparative and Multinational Management (3 cr.)
    MGM 318 Health Care Management (3 cr.)
    MKE 334 Entrepreneurship and Intrapreneurship (3 cr.)

B. Cognate Requirements: (6-7 cr.)
1. BUS 203 Business Ethics and Modern Society (3 cr.) or CMM 101 Intro. to Public Speaking (3 cr.)
2. MAT 221 Calculus for the Life, Mgmt, and Social Sciences I (3 cr.) or MAT 224 Calculus I (4 cr.)

TOTAL CREDITS minimum 120 (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in accounting, business, economics, finance, management, marketing, and supply chain management (ACC, BUS, ECO, FIN, MGM, MKE, SCM) courses.
2. A minimum of 28 (ACC, BUS, ECO, FIN, MGM, MKE, SCM) major credit hours completed at Plattsburgh.

*Curriculum code for students taking most courses at SUNY Plattsburgh’s Main Campus.
**Curriculum code for students taking most courses at SUNY Plattsburgh’s Branch Campus.

MANAGEMENT INFORMATION SYSTEMS MAJOR
Bachelor of Science
Curriculum 0200 Requirements

MAJOR REQUIREMENTS 72-73

A. Departmental Requirements: (66 cr.)
1. ACC 201 Principles of Accounting I (3 cr.)
2. ACC 202 Principles of Accounting II (3 cr.)
3. ACC 351 Legal Environment of Business (3 cr.)
4. BUS 388 Seminar in Professionalism (AWR) (3 cr.)
5. ECO 110 Introduction to Microeconomics (3 cr.)
6. ECO 111 Introduction to Macroeconomics (3 cr.)
7. ECO 260 Economics Statistics I (3 cr.)
8. ECO 362 Business Statistics II (3 cr.)
9. FIN 355 Principles of Finance (3 cr.)
10. MGM 275 Business Applications and Information Technology (3 cr.)
11. MGM 280 Principles of Management (3 cr.)
12. MKE 290 Principles of Marketing (3 cr.)
13. MGM 350 Quantitative Analysis Models (3 cr.)
14. MGM 490 Strategic Management (3 cr.)
15. MGM 302 Business Data Communication and Networking (3 cr.)
16. MGM 303 Introduction to Business Application Programming (3 cr.)
17. MGM 401 Systems Analysis & Logical Design (3 cr.)
18. MGM 402 Physical Design & Implementation with Data Base Management Systems (3 cr.)
19. MGM 440 Management Information Systems (3 cr.)
20. Select three courses (9 cr.)
   ACC 306 Accounting Information Systems (3 cr.)
   MGM 433 Theory of Constraints (3 cr.)
   MGM 445 Production/Operations Management (3 cr.)
   MGM 403 Business Intelligence & Decision Support Systems (3 cr.)
   MGM 404 Information Systems Project Management and Practice (3 cr.)
   MGM 405 Enterprise Systems (3 cr.)
   MKE 401 Interactive Marketing and E-Commerce (3 cr.)
   SCM 370 Intro. to Supply Chain Management (3 cr.)
   SCM 435 Systems Dynamics and Change (3 cr.)

B. Cognate Requirements: (6-7 cr.)
1. BUS 203 Business Ethics and Modern Society (3 cr.) or
   CMM 101 Introduction to Public Speaking (3 cr.)
2. MAT 221 Calculus for the Life, Mgmt., and Social Sciences I (3 cr.) or
   MAT 224 Calculus I (4 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

EXTRA DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in accounting, business, economics, finance, management, marketing, and supply chain management (ACC, BUS, ECO, FIN, MGM, MKE, SCM) courses.
2. A minimum of 30 major (ACC, BUS, ECO, FIN, MGM, MKE, SCM) credit hours completed at Plattsburgh.

MARKETING MAJOR
Bachelor of Science
Curriculum 0108 Requirements

MAJOR REQUIREMENTS CREDITS
A. Departmental Requirements: (63 cr.)
1. ACC 201 Principles of Accounting I (3 cr.)
2. ACC 202 Principles of Accounting II (3 cr.)
3. ACC 351 Legal Environment of Business (3 cr.)
4. BUS 388 Seminar in Professionalism (AWR) (3 cr.)
5. ECO 110 Introduction to Microeconomics (3 cr.)
6. ECO 111 Introduction to Macroeconomics (3 cr.)
7. ECO 260 Economics Statistics I (3 cr.)
8. ECO 362 Business Statistics II (3 cr.)
9. FIN 355 Principles of Finance (3 cr.)
10. MGM 275 Business Applications and Information Systems (3 cr.)
11. MGM 280 Principles of Management (3 cr.)
12. MKE 290 Principles of Marketing (3 cr.)
13. MKE 326 International Marketing Operations (3 cr.)
14. MKE 335 Marketing Research (3 cr.)
15. MGM 350 Quantitative Analysis Models (3 cr.)
16. MKE 480 Marketing Strategy (3 cr.)
17. MGM 490 Strategic Management (3 cr.)
18. Select one course: (3 cr.)
   MKE 321 Principles of Advertising (3 cr.) or
   MKE 322 Sales Force Management (3 cr.)
19. Select three courses: (9 cr.)
   MKE 321 Principles of Advertising (3 cr.)
   MKE 322 Sales Force Management (3 cr.)
   MKE 323 Retail Store Management (3 cr.)
   MKE 325 Marketing Channels Strategy (3 cr.)
   MKE 328 Services Marketing (3 cr.)
   MKE 380 Creativity Process in Marketing (3 cr.)
   MKE 401 Interactive Marketing and E-Commerce (3 cr.)
   MKE 402 Procurement (3 cr.)
   MKE 403 Cross-border Goods and Human Services (3 cr.)
   MKE 410 Franchising in the US, Canada, and Mexico (3 cr.)
   MKE 421 Consumer Behavior (3 cr.)
   MKE 422 Business-to-Business Marketing (3 cr.)
   MKE 442 Selected Marketing Topics (3 cr.)
   MKE 498 Marketing Internship (3 cr.)
   SCM 375 Warehouse and Inventory Management (3 cr.)
   *May not take MKE 321 or MKE 322 if taken to satisfy Section 18 above.
B. Cognate Requirements: (6-7 cr.)
1. BUS 203 Business Ethics and Modern Society (3 cr.) or
   CMM 101 Intro. to Public Speaking (3 cr.)
2. MAT 221 Calculus for the Life, Management, and Social Sciences I (3 cr.) or
   MAT 224 Calculus I (4 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)
### Economics Major

**Bachelor of Arts or Bachelor of Science**

**Curriculum 0709 Requirements**

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**A. Departmental Requirements:** (42 cr.)
1. ECO 110 Introduction to Microeconomics (3 cr.)
2. ECO 111 Introduction to Macroeconomics (3 cr.)
3. ECO 201 Intermediate Microeconomics (3 cr.)
4. ECO 202 Intermediate Macroeconomics (3 cr.)
5. ECO 260 Economics Statistics I (3 cr.)
6. ECO 362 Business Statistics II (3 cr.)
7. ECO 392 History of Economic Thought (3 cr.)
8. ECO 435 Economic Issues (AWR) (3 cr.)
9. ECO 470 Introduction to Econometrics (3 cr.)
10. ECO 490 Seminar in Economic Problems (3 cr.)
11. Economics electives: (12 cr.)

**B. Cognate Requirements:** (3-4 cr.)
1. MAT 221 Calculus for the Life, Mgmt. and Social Sciences I (3 cr.) or
   MAT 224 Calculus I (4 cr.)

**TOTAL CREDITS** minimum 120 (including General Education Requirements)

**ADDITIONAL DEGREE REQUIREMENTS**
1. A minimum overall GPA of 2.0 in all economics and finance (ECO, FIN) courses.
2. A minimum of 21 major (ECO) credit hours completed at Plattsburgh.

**Note:** A minimum of 60 credit hours of liberal arts must be taken outside the fields of accounting and business for the Bachelor of Science degree. A minimum of 90 liberal arts credits must be completed for the Bachelor of Arts degree. Most economics courses are liberal arts courses.

### Finance Major

**Bachelor of Science**

**Curriculum 0698 Requirements**

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**A. Departmental Requirements:** (66 cr.)
1. ACC 201 Principles of Accounting I (3 cr.)
2. ACC 202 Principles of Accounting II (3 cr.)
3. ACC 351 Legal Environment of Business (3 cr.)
4. BUS 388 Seminar in Professionalism (AWR) (3 cr.)
5. ECO 110 Introduction to Microeconomics (3 cr.)
6. ECO 111 Introduction to Macroeconomics (3 cr.)
7. ECO 201 Intermediate Microeconomics (3 cr.)
8. ECO 202 Intermediate Macroeconomics (3 cr.)
9. ECO 260 Economics Statistics I (3 cr.)
10. ECO 362 Business Statistics II (3 cr.)
11. ECO 470 Econometrics for Economics and Finance (3 cr.)
12. FIN 350 Financial Planning (3 cr.)
13. FIN 355 Principles of Finance (3 cr.)
14. FIN 385 Corporate Financial Mgmt. (3 cr.)
15. FIN 390 Money and Banking (3 cr.)
16. FIN 396 Money and Capital Markets (3 cr.)
17. FIN 400 International Corporate Finance (3 cr.)
18. FIN 420 Portfolio Management Theory (3 cr.)
19. FIN 490 Senior Seminar in Finance (3 cr.)
20. MGM 275 Business Applications and Information Systems (3 cr.)
21. MGM 280 Principles of Management (3 cr.)
22. MKE 290 Principles of Marketing (3 cr.)

**B. Cognate Requirements:** (6-7 cr.)
1. BUS 203 Business Ethics and Modern Society (3 cr.) or
   CMM 101 Introduction to Public Speaking (3 cr.)
2. MAT 221 Calculus for the Life, Mgmt. and Social Sciences I (3 cr.) or
   MAT 224 Calculus I (4 cr.)

**TOTAL CREDITS** minimum 120 (including General Education Requirements)

**ADDITIONAL DEGREE REQUIREMENTS**
1. A minimum overall GPA of 2.0 in accounting, business, economics, finance, management, and marketing (ACC, BUS, ECO, FIN, MGM, MKE) courses.
2. A minimum of 31 major (ACC, BUS, ECO, FIN, MGM, MKE) credits completed at Plattsburgh.

### Hotel, Restaurant and Tourism Management Major

**Bachelor of Science**

**Curriculum 0413 Requirements**

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**A. Departmental Requirements:** (50 cr.)
1. HRT 202 History, Resources, and Policies of Hotel, Restaurant and Tourism Management (3 cr.)
2. HRT 251 Principles of Tourism (3 cr.)
3. HRT 310 Organization and Management in Hospitality Industry (3 cr.)
4. HRT 321 Hospitality Marketing (AWR) (3 cr.)
5. HRT 360 Food, Beverage, and Labor Cost Control (3 cr.)
6. HRT 362 Food Service Operations Management (5 cr.)
7. HRT 383 Lodging Operations Management I (3 cr.)
8. HRT 384 Hospitality Financial Management (3 cr.)
9. HRT 462  Hospitality Law (3 cr.)
10. HRT 464  Food Service Operations Management II (5 cr.)
11. HRT 483  Lodging Operations Management II (3 cr.)
12. HRT 495  Leadership in the Hospitality Industry (3 cr.)
13. HRT 497  HRT Field Experience (1 cr.)
14. 9 electives of credit below:

   HRT 354  International Hospitality (3 cr.)
   HRT 361  Foodservice Planning and Purchasing (3 cr.)
   HRT 364  Beverage Management (3 cr.)
   HRT 373  Applied Food and Beverage Management (3 cr.)
   HRT 387  Resort Management (3 cr.)
   HRT 397  Physical Systems Management (3 cr.)
   HRT 442  Special Topics in Hospitality Management (3 cr.)
   HRT 453  Convention/Meeting Planning Management (3 cr.)
   HRT 456  Current Issues & Trends in Tourism (3 cr.)
   HRT 498  Hospitality Management Internship (3 cr.)
Other HRT courses by advisement.

B. Cognate Requirements: (24 cr.)
1. ACC 201  Principles of Accounting I (3 cr.)
2. ACC 202  Accounting II (3 cr.)
3. ACC 351  Legal Environment of Business (3 cr.)
4. MGM 275  Business Applications and Information Systems (3 cr.)
5. MGM 280  Principles of Management (3 cr.)
6. MKE 290  Principles of Marketing (3 cr.)
7. BUS 203  Business Ethics and Modern Society (3 cr. or)
   CMM 101  Introduction to Public Speaking (3 cr.)
8. ECO 101  Principles of Economics (3 cr.)

TOTAL CREDITS  minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 is required in all hotel, restaurant and tourism management (HRT) courses.
2. Students are required to complete 800 hours of hospitality industry work experience.
3. HRT 495 must be taken at SUNY Plattsburgh.

CANADIAN STUDIES PROGRAM

Associate Professor: M. Richard (coordinator)
Adjunct Faculty: E. Correa, M. Smith, J. Stoneberger

The Canadian studies program is multidisciplinary. Students acquire a sensitivity to and an understanding of Canada’s historical, geographical, political, economic, and cultural character. They select Canadian content courses from among the greatest number and variety available at any university in the country. These courses may be applied to the B.A. or minor programs in Canadian studies or Québec studies or used to meet general education requirements. Canadian studies majors and minors first take a multidisciplinary course, CAS111 Introduction to Canada. They then complete the program by enrolling in nine other courses for the major, or five for either minor, offered by cooperating departments or the Canadian studies program.

Canadian Studies Faculty: Fifteen faculty associates offer more than 30 Canadian content courses on a wide variety of topics. These faculty represent such distinct disciplines as history, geography, English, French, art, political science, literature, sociology, environmental science, communications, economics, and business.

Resident Programs in Canada: Students may participate for a semester or an academic year in resident programs at selected Canadian universities. Intensive French language immersion programs for three to five-week periods are also available throughout the summer at major universities in the Province of Québec. (For more information see the Study Abroad and Exchange section.)

Internships: Canadian studies students acquire valuable skills and experience as participants in internship programs in the United States and Canada. Internship opportunities include state or provincial development offices, federal foreign affairs offices, consulates, Canadian multinational corporations, local businesses, and SUNY Plattsburgh’s Center for the Study of Canada. (See the Special Programs section of this catalog.)

Scholarships: Each semester several scholarships are available exclusively to students enrolled in Canadian studies programs. For information on scholarships, contact the coordinator of Canadian studies or the Center for the Study of Canada.

Club Canada and Cultural Activities: Club Canada is a student organization whose members help to plan academic, social, and cultural activities. Such activities include Canada Day and Célébrons Québec, political and economic conferences, the guest speaker program, and regular field trips to Montréal, Québec City, Ottawa, and New Brunswick. With the assistance of the Canadian studies program, students often participate in conferences in Canada and the United States. Canadian studies students also benefit from the programs and resources of the Center for the Study of Canada. (See the Special Programs section of this catalog.)
CANADIAN STUDIES MAJOR
Bachelor of Arts
Curriculum 0740 Requirements

MAJOR REQUIREMENTS

Credits: 48-66

A. Program Requirements: (30 cr.)
1. Introduction to the Field (3 cr.)
   CAS 111 Introduction to Canada (3 cr.)

2. Canadian Studies Content Courses (18 cr.)
   At least one course from at least five of the following six categories. Courses completed at institutions in Canada (or elsewhere) are counted toward Canadian studies content courses where applicable.
   a. Geographic Foundations
      GEG 307 Urban Geography & Planning (3 cr.)
      GEG 316 Geography of Canada (3 cr.)
   b. Historical Foundations
      HIS 171 History of Canada to the 1860s (3 cr.)
      HIS 172 History of Canada from the 1860s (3 cr.)
      HIS 347 Iroquois World to 1800 (3 cr.)
      HIS 370 History of Canadian Women (3 cr.)
      HIS 372 North America and the World (3 cr.)
      HIS 373 Twentieth Century Canada (3 cr.)
      CAS/HIS 375 Borderland and Migration History: Canada and the United States (3 cr.)
      CAS/HIS 379 Québec in the United States: Franco-American History and Culture (3 cr.)
   c. Political Foundations
      PSC 325 Canadian Politics (3 cr.)
   d. Economic/Business Foundations
      BUS 333 Canadian and U.S. Business: A Comparative View (3 cr.)
      ECO 355 The Canadian Economy (3 cr.)
      MKE 410 Franchising in the U.S., Canada, and Mexico (3 cr.)
   e. Cultural and Social Foundations
      ANT/HIS 431 First Nations of Canada (3 cr.)
      CAS 215 Canadian Art Survey (3 cr.)
      CAS 216 Inuit Art (3 cr.)
      CAS 413 Topics in Canadian Art (3 cr.)
      CAS 358/CMM 358 Canadian Cinema: Past & Present (3 cr.)
      ENG 367 Canadian Fiction (3 cr.)
      SOC 325 Sociology of Urban Life in North America (3 cr.)
      SWK 304 Social Services in Comparative Perspective (AWR) (3 cr.)
   f. Québec Foundations
      Credits from Québec content courses taken at a Canadian university may also be applied to this category.
      CAS 305 Québec Culture through Cinema (3 cr.)
      CAS 359 Profiles of Québec (AWR) (3 cr.)
      FRE 334 La Francophonie (3 cr.)
      FRE 335 Le Québec (3 cr.)

3. Advanced Writing Requirement
   This three-credit requirement can be fulfilled by taking one of the AWR courses listed under the Canadian studies content courses. Alternatively, it can be fulfilled by completing an appropriate course in the second major or in a minor, or by selecting an appropriate course through advisement; in either of the latter cases, the course would not count towards the 30-credit requirement for the CAS major.

4. Advanced Study (6 cr.)
   CAS 498 Internship (in Canadian Studies) (1-6 cr.)
   CAS 499 Independent Study (3-6 cr.)
   Electives: 300 or 400-level courses from the Canadian Studies Content Courses listed above (3-6 cr.)

5. Language (3 cr.)
   Students must complete one three-credit French course, FRE 112 or higher, to meet this requirement. The requirement may not be satisfied through a proficiency exam. Students may apply for appropriate credits for French-language courses taken at another university.

B. Cognate Requirements (18-36 cr.)
   1. Second major field of study (30-36 cr.) or
   2. Minor (18-24 cr.)

TOTAL CREDITS: minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in courses taken under Section A, Program Requirements above, and in all Canadian studies (CAS) courses.

CHEMISTRY DEPARTMENT

Professors: L. Luck, E. Miller (chairperson)
Associate Professors: D. Criss, C. Hoag, E. Pater
Assistant Professors: K. Ckless, F. Nifiatis
Lecturer: T. Moffett

Students of chemistry receive a sound foundation in the basic areas of inorganic, organic, analytical, and physical chemistry in preparation as professionals in the chemistry field. Along with core and upper-level chemistry courses, the requirements include fundamental courses in mathematics and physics and options in the humanities, social sciences, and other sciences as general education requirements or free electives. Students are encouraged to participate in research projects with...
faculty and have access to a variety of sophisticated instrumentation in courses and in research.
SUNY Plattsburgh’s Chemistry Department has been accredited since 1976 by the Committee on Professional Training of the American Chemical Society (ACS).

**B.A. in Chemistry:** This program consists of eight credits in mathematics, eight credits in physics and 41 credit hours in the major, including thirty-four credits of core courses in chemistry, four credits in advanced writing and chemistry seminar, and three credits in advanced chemistry electives. This curriculum allows students to specialize in another area in addition to chemistry. Students may also select courses as pre-professional requirements for graduate study in medicine, veterinary medicine, and dentistry.

**B.S. in Chemistry-ACS Certification:** The program leads to ACS certification for the student. It expands upon the core B.A. program by specifying additional courses that will satisfy the ACS requirements for total laboratory hours, instrumental methods, biochemistry, and inorganic chemistry. It is designed to allow the student to directly enter the workforce, pursue advanced studies in the major or pursue medical or other professional schools.

**B.A./M.S.T. Chemistry/Adolescence Education:** This combined degree program is for students who seek adolescence education teacher certification in chemistry. For more information see the Combined Programs section of this catalog.

**B.S. Biochemistry Program:** This program provides the depth of knowledge and skill that students need to prepare for careers in health, nutritional, or biotechnical fields (e.g., medicine, dentistry, food chemistry, genetic engineering, and industrial enzymology). It includes a solid foundation in biology, chemistry, and physics, but it is flexible enough to be tailored to meet each student’s particular needs or goals. The basic program includes introductory and organic chemistry, general biology, physics, calculus, statistics, genetics, cell, and biochemistry. Written and oral communication skills are emphasized in laboratory research. See listing under Biochemistry.

**B.A. in Chemistry (Study Option in Engineering):** Students in this option complete three years of study (95 credits) at SUNY Plattsburgh and two years at an accredited engineering college. Students who complete all requirements receive a B.A. in chemistry from SUNY Plattsburgh and a B.S. in chemical engineering from the engineering college. The requirements at SUNY Plattsburgh include completion of the college’s general education program, an additional eleven credit hours in mathematics, three credits in physics, four credits in computer science, three credits in advanced writing, and 31 credits in the chemistry core courses.

**Chemistry Minor:** Students in programs with a strong chemistry component should inquire about requirements for a minor in chemistry through the chemistry department. A wide choice of courses is available to complete this minor, involving 18-21 credit hours. See Academic Minors in this catalog for further details.

### CHEMISTRY MAJOR

#### Bachelor of Arts

**Curriculum 0713 Requirements**

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<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td><strong>A. Departmental Requirements:</strong> (35-36 cr.)</td>
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<tr>
<td>1. CHE 111 Fund. Principles of Chemistry I (4 cr.)</td>
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<td>2. CHE 112 Fund. Principles of Chemistry II (4 cr.)</td>
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<td>3. CHE 241 Organic Chemistry I (4 cr.)</td>
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<td>4. CHE 242 Organic Chemistry II (4 cr.)</td>
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<td>5. CHE 321 Quantitative Chemistry (4 cr.)</td>
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<tr>
<td>6. CHE 391 Written &amp; Oral Reports (AWR) (3 cr.)</td>
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<tr>
<td>7. CHE 430 Inorganic Chemistry I (3 cr.) or CHE 421 Advanced Analytical Chemistry (4)</td>
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<td>8. CHE 455 Physical Chemistry I (4 cr.)</td>
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<td>9. CHE 456 Physical Chemistry II (4 cr.)</td>
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<tr>
<td>10. CHE 491 Chemistry Seminar I (1 cr.)</td>
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<tr>
<td><strong>B. Cognate Requirements:</strong> (16 cr.)</td>
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<tr>
<td>1. MAT 224 Calculus I (4 cr.)</td>
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<td>2. MAT 225 Calculus II (4 cr.)</td>
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<tr>
<td>3. PHY 111 General Physics I (4 cr.)</td>
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<td>4. PHY 112 General Physics II (4 cr.)</td>
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**TOTAL CREDITS** minimum 120

(including General Education Requirements)

### ADDITIONAL DEGREE REQUIREMENTS

1. A minimum overall GPA of 2.0 in all chemistry (CHE) courses. Chemistry majors will be advised to repeat any course in which they receive a grade below a C.

### CHEMISTRY MAJOR

#### Bachelor of Science

**Curriculum 0771 Requirements**

<table>
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<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CREDITS</th>
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<tr>
<td><strong>A. Departmental Requirements:</strong> (49 cr.)</td>
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<td>1. CHE 111 Fund. Principles of Chemistry I (4 cr.)</td>
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<td>2. CHE 112 Fund. Principles of Chemistry II (4 cr.)</td>
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<td>3. CHE 241 Organic Chemistry I (4 cr.)</td>
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<td>4. CHE 242 Organic Chemistry II (4 cr.)</td>
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<td>5. CHE 321 Quantitative Chemistry (4 cr.)</td>
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<td>6. CHE 391 Written &amp; Oral Reports (AWR) (3 cr.)</td>
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<td>7. CHE 401 Biochemistry (3 cr.)</td>
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<td>8. CHE 421 Advanced Analytical Chemistry (Instrumental) (4 cr.)</td>
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<td>9. CHE 430 Inorganic Chemistry I (3 cr.)</td>
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<td>10. CHE 431 Inorganic Chemistry II (4 cr.)</td>
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<td>11. CHE 455 Physical Chemistry I (4 cr.)</td>
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<td>12. CHE 456 Physical Chemistry II (4 cr.)</td>
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<td>13. CHE 491 Chemistry Seminar (1 cr.)</td>
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<td>14. CHE 495 Undergraduate Research (3 cr.)</td>
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</tbody>
</table>
B. Cognate Requirements: (16 cr.)
1. MAT 224  Calculus I (4 cr.)
2. MAT 225  Calculus II (4 cr.)
3. PHY 111  General Physics I (4 cr.)
4. PHY 112  General Physics II (4 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all chemistry (CHE) courses. Chemistry majors will be advised to repeat any course in which they receive a grade below a C.

NOTE: This program is American Chemical Society (ACS) certified.

CHEMISTRY MAJOR
Bachelor of Arts
(Study Option in Engineering/Plattsburgh Component)
Curriculum 0752 Requirements

<table>
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<tr>
<th>MAJOR REQUIREMENTS</th>
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<td>A. Departmental Requirements: (34 cr.)</td>
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<td>2. CHE 112  Fund. Principles of Chemistry II (4 cr.)</td>
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<tr>
<td>3. CHE 241  Organic Chemistry I (4 cr.)</td>
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<td>4. CHE 242  Organic Chemistry II (4 cr.)</td>
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<td>5. CHE 321  Quantitative Chemistry (4 cr.)</td>
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<tr>
<td>6. CHE 391  Written &amp; Oral Reports (AWR) (3 cr.)</td>
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<td>7. CHE 430  Inorganic Chemistry I (3 cr.)</td>
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<td>8. CHE 455  Physical Chemistry I (4 cr.)</td>
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<tr>
<td>9. CHE 456  Physical Chemistry II (4 cr.)</td>
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<tr>
<td>B. Cognate Requirements: (26 cr.)</td>
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<tr>
<td>1. MAT 224  Calculus (4 cr.)</td>
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<td>2. MAT 225  Calculus II (4 cr.)</td>
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<tr>
<td>3. MAT 326  Multivariable Calculus with Linear Algebra (4 cr.)</td>
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<td>4. MAT 426  Differential Equations (3 cr.)</td>
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<tr>
<td>5. PHY 111  General Physics I (4 cr.)</td>
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<td>6. PHY 112  General Physics II (4 cr.)</td>
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<tr>
<td>7. PHY 314  Introduction to Modern Physics (3 cr.)</td>
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</table>

TOTAL CREDITS minimum 120*
(including General Education Requirements)

* Remaining course work must include the successful completion of a chemical engineering program at an accredited school of engineering. Upon documented notification of the successful completion of the engineering degree and the successful completion of the above SUNY Plattsburgh program, including general education and other college-wide requirements, the students receive a B.A. in chemistry from SUNY Plattsburgh. Clarkson University has agreed to give junior standing to a student who has completed the above requirements. The Accreditation Board of Engineering and Technology, which accredits many engineering programs, stipulates that the general education courses may not be skills courses (e.g., introductory modern languages, band, chorale, drawing, painting, photography, accounting, surveying, etc.).

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all chemistry (CHE) courses. Chemistry majors will be advised to repeat any course in which they receive a grade below a C.

CENTER FOR COMMUNICATION AND JOURNALISM

Directors: P. Ensel and S. Murphy

COMMUNICATION STUDIES DEPARTMENT
Professors: J. Gustainis, J. Kim, S. Rao
Associate Professors: T. Clukey, D. DeSilva, P. Ensel (chairperson), J. Slater
Assistant Professors: C. Johnson, C. Lemza
Lecturer: N. Montanaro
Adjunct Faculty: Ten positions

JOURNALISM DEPARTMENT
Professor: R. Davis
Associate Professors: S. Murphy (chairperson), G. Schueller
Visiting Assistant Professor: C. Joseph
Lecturer: L. Ward
Adjunct Faculty: Nine positions

The Center for Communication and Journalism (CCJ) at SUNY Plattsburgh is an alliance between the communication studies and journalism departments and is representative of the convergence currently taking place in both industries. The digital revolution has permanently altered the communication and journalism landscape. The CCJ helps students prepare for a rewarding professional career in a number of ways. We offer:

- Opportunities to explore all types of traditional media production including newspaper, magazine, radio and television.
- Extensive training with digital media technologies in areas such as Web site production, online magazines, podcasting and virtual world encounters.
- Access to state-of-the-art labs and equipment as early as possible in a student’s educational experience.
- The ability to explore multiple career options — choosing from six majors and several concentrations.
- A chance to work with award-winning student-run media.

Located in Yokum Hall, the Center for Communication and Journalism is dedicated to preparing students for
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

rewarding careers, a lifetime of learning, and productive membership in their communities.

Communication Studies Department
The Department of Communication Studies offers a comprehensive communication studies program in four distinct areas:

- TV-Video Production/Broadcast Journalism
- Audio-Radio/Digital Media Production
- Public Relations/Organizational Communication
- Communication Studies

As part of these four majors, students may select from seven specific concentrations and receive a B.A. or a B.S. in any major. Our students receive a solid liberal-arts education and are taught to think creatively, critically, and responsibly.

The TV-Video Production/Broadcast Journalism Major gives students the ability to write script, shoot and edit videotape, and direct and produce multi-camera live TV programs (both studio and field) using cutting-edge digital equipment. Students in this major choose to concentrate in either Television-Video Production or Broadcast Journalism. Those students concentrating on Television-Video Production are preparing for careers in producing, directing, acting, editing and various other production positions in both the broadcast and non-broadcast fields. The Broadcast Journalism concentration prepares students to gather, write, edit, produce, and deliver electronic news. They acquire the skills necessary for the production of news, sports, and feature-length public affairs programs for radio and television broadcasting. A strong liberal-arts core with courses in journalism, media ethics, on-air performance, broadcast writing, and production prepares students for careers in the broadcast news industry as reporters, anchors, producers, and videographers.

The Audio-Radio/Digital Media Production Major connects students with the wide-ranging fields of audio, radio, and digital media production. In this major, students learn how to write script and to record and produce music for radio, television, and Internet applications as well as to hone their skills as on-air talent. Students can focus their study in either Audio-Radio Production or Digital Media Production. Students choosing Audio-Radio Production acquire technical proficiency with digital audio tools, understand the theoretical concepts behind a variety of media, and learn what it takes to work in radio as a production and promotion manager, sales and operations manager, or on-air talent. They also develop the ability to create a variety of audio productions for specific audiences and experience the world of music recording through hands-on field work. The Digital Media Production concentration teaches students how to use digital technology to create, manipulate, and effectively communicate information to a variety of audiences. Through building Web sites, producing digital videos, and developing audio expertise, students explore rapidly developing technologies and prepare for the convergence of digitally produced media. Students studying in this area are prepared to work in a variety of technology-driven fields including Web site development, digital television, digital film, multimedia production, and on-line publication.

Students interested in a career in corporate communication can study in our Public Relations/Organizational Communication Major. This major is ideal for the student interested in the “people” side of the business. The Public Relations Concentration gives students both theory and experiential applications associated with public relations and advertising. A strong foundation in communication theory is enhanced by courses emphasizing writing, constituent analysis, audience research methods, message design, media selection, and campaign development and evaluation. This concentration prepares graduates to work in many facets of public and private sector promotion, including public relations, advertising, and corporate communication, or to pursue post-graduate work in communication or related fields. The Organizational/Communication Concentration focuses on the communication knowledge and skills needed to succeed as an effective leader in a wide range of community and organizational contexts. Students develop proficiencies in writing, speaking, and interpersonal skills that are vital for an effective leader or manager. Students studying this concentration are prepared for a broad spectrum of careers including human resources, management, communication consulting, politics and public service.

Students seeking a well-rounded background in communication focusing on media studies, rhetoric and public address, and human dynamics would be interested in our Communication Studies Major. This major is valuable for students interested in careers centered around personal communication, such as politics, pre-law, speech writing, and media criticism, as well as those students wishing to pursue graduate studies.

The teaching philosophy that distinguishes our program from many other undergraduate programs is the belief that a college student’s academic experience should be augmented with applied knowledge gained through practical experience. Our students expand their theoretical knowledge by operating a cable television station (PSTV), an FM radio station (WQKE), and a closed-circuit radio station (WARP). Through these experiences, students familiarize themselves with the various aspects of producing television and radio programming formats, including newscasts, live hockey and basketball telecasting, game shows, talk shows, and music videos. Additionally, several of our courses offer experiential and service learning components that add value and enrichment to the experience. For many students, their studies culminate with a semester-long, full-time (or part-time) internship at one of more than 60 corporations, broadcasting networks and stations, advertising and public relation agencies, and government offices located throughout New York state.

Journalism Department
The journalism department offers two degree programs in journalism — one with an emphasis on newspapers
(0195) and the other with an emphasis on magazines (0196). Students learn professional skills, including reporting and writing for newspapers and magazines, starting up magazines, on-air broadcasting, and using the digital tools of the modern journalist. They also study journalism ethics and law, journalism issues, and the history of the American press and magazine industry. All students learn through hands-on experience at the department's online and print magazine and the campus's award-winning student newspaper, and prepare for their first job in journalism by interning, in Plattsburgh, their hometowns, or larger metropolitan areas. Students may also opt to complete a minor in journalism.

**AUDIO-RADIO/DIGITAL MEDIA PRODUCTION MAJOR**
Bachelor of Arts or Bachelor of Science Curriculum 0102 or 0109 Requirements

**MAJOR REQUIREMENTS** 49-50

**A. Communication Studies Core: (22 cr.)**

1. **Introductory Courses**
   - CMM 101 Introduction to Public Speaking (3 cr.)
   - CMM 118 Mass Media and Society (3 cr.)

2. **Survey & History**
   - CMM 226 Intro. to Human Communication (3 cr.)

3. **Culture & Communication**
   - Select one of the following:
     - CMM 301 Communication & Culture (3 cr.)
     - CMM 302 International Communication (3 cr.)
     - CMM 316 Intercultural Communication (3 cr.)
     - CMM 365 Media & Popular Culture (3 cr.)

4. **Communication Contexts**
   - Select one of the following:
     - CMM 288 Fundamentals of Broadcasting (3 cr.)
     - CMM 304 Business & Professional Speaking (3 cr.)
     - CMM 310 Small Group Communication (3 cr.)
     - CMM 321 Advertising in Electronic Media (3 cr.)
     - CMM 329 Interpersonal Communication (3 cr.)
     - CMM 407 Concepts of Persuasion (3 cr.)

5. **Critical Thinking & Analysis**
   - Select one of the following:
     - CMM 322 Propaganda 1900-1945 (3 cr.)
     - CMM 323 Propaganda 1946-Present (3 cr.)
     - CMM 330 Criticism of the News Media (3 cr.)
     - CMM 348 Mass Media Ethics (3 cr.)
     - CMM 455 Mass Media Law (3 cr.)

6. **Communication Theory**
   - Select one of the following:
     - CMM 325 Communication Theory (3 cr.)
     - CMM 328 Rhetorical Theories (3 cr.)
     - CMM 490 Mass Communication Theory (3 cr.)

7. **Senior Seminar**
   - CMM 491 Senior Portfolio/Assessment (1 cr.)

B. **Complete the requirements of one of the following concentrations: (27-28 cr.)**

1. **Audio-Radio Production Concentration** (Curr. 0102): (27 cr.)
   - **Advanced Writing**
     - Select one of the following:
       - CMM 335 Writing for Radio & TV (AWR) (3 cr.)
       - CMM 421 Broadcast Journalism (AWR) (3 cr.)
   - **Professional Preparation**
     - Complete all of the following: (15 cr.)
       - CMM 209 Broadcast Announcing Practicum (1 cr.)
       - CMM 232 Basic Audio Production (3 cr.)
       - CMM 428 Advanced Radio Production (4 cr.)
       - CMM 435 Electronic Media Management (3 cr.)
       - CMM 464 Digital Audio Recording App. (4 cr.)
     - Select one of the following:
       - CMM 312 Multimedia Production Design (3 cr.)
       - JOU 317 Web Design & Production (3 cr.)
   - **Advanced Applications**
     - Select six credits from the following:
       - CMM 405 Media Sales Practicum (2 cr.)
       - CMM 408 Field Recording Practicum (2-6 cr.)
       - CMM 409 Radio Management Practicum (2-4 cr.)

2. **Digital Media Production Concentration** (Curr 0109): (28 cr.)
   - **Advanced Writing**
     - Select one of the following:
       - CMM 335 Writing for Radio & TV (AWR) (3 cr.)
       - CMM 421 Broadcast Journalism (AWR) (3 cr.)
   - **Professional Preparation**
     - Complete all of the following: (14 cr.)
       - CMM 232 Basic Audio Production (3 cr.)
       - CMM 229 Basic Planning/Production TV (3 cr.)
       - CMM 424 Advanced Multimedia Design (4 cr.)
       - CMM 464 Digital Audio Recording App. (4 cr.)
     - Select one of the following:
       - CMM 312 Multimedia Production Design (3 cr.)
       - JOU 317 Web Design & Production (3 cr.)
   - **Advanced Applications**
     - Select five credits from the following:
       - JOU 403 Online Magazine Practicum (1-2 cr.)
       - CMM 412 Digital Media Practicum (2-4 cr.)
       - CMM 436 Interactive Television (3 cr.)

**TOTAL CREDITS** minimum 120
(including General Education Requirements)
ADDITIONAL DEGREE REQUIREMENTS

1. Students must earn a minimum grade of C in each of three core courses — CMM 101, CMM 118, and CMM 226 — in order to fulfill the degree requirements for this major.

2. A grade of C or better is required in the AWR course listed in each major.

3. There is a formal application process for the Professional Internship Course (CMM 498), with review of applicants beginning the semester prior to your desired internship. A grade of B or higher is required in all courses designated as prerequisites for a given internship. Consult the Department of Communication Studies internship coordinator to learn of the courses required for an internship in your specialty area.

TV-VIDEO PRODUCTION/ BROADCAST JOURNALISM MAJOR
Bachelor of Arts or Bachelor of Science Curriculum 0104 or 0197 Requirements

CREDITS

MAJOR REQUIREMENTS 51-54

A. Communication Studies Core: (22 cr.)

1. Introductory Courses
   CMM 101 Introduction to Public Speaking (3 cr.)
   CMM 118 Mass Media and Society (3 cr.)

2. Survey & History
   CMM 226 Intro. to Human Communication (3 cr.)

3. Culture & Communication
   Select one of the following:
   CMM 301 Communication & Culture (3 cr.)
   CMM 302 International Communication (3 cr.)
   CMM 316 Intercultural Communication (3 cr.)
   CMM 365 Media & Popular Culture (3 cr.)

4. Communication Contexts
   Select one of the following:
   CMM 304 Business & Professional Speaking (3 cr.)
   CMM 310 Small Group Communication (3 cr.)
   CMM 321 Advertising in Electronic Media (3 cr.)
   CMM 329 Interpersonal Communication (3 cr.)
   CMM 407 Concepts of Persuasion (3 cr.)

5. Critical Thinking & Analysis
   Select one of the following:
   CMM 322 Propaganda 1900-1945 (3 cr.)
   CMM 323 Propaganda 1946-Present (3 cr.)
   CMM 330 Criticism of the News Media (3 cr.)
   CMM 348 Mass Media Ethics (3 cr.)
   CMM 455 Mass Communication Theory (3 cr.)

6. Communication Theory
   Select one of the following:
   CMM 325 Communication Theory (3 cr.)
   CMM 328 Rhetorical Theories (3 cr.)
   CMM 490 Mass Communication Theory (3 cr.)

   6. Senior Seminar
   CMM 491 Senior Portfolio/Assessment (1 cr.)

B. Complete the requirements of one of the following concentrations: (29-32 cr.)

1. TV-Video Production Concentration
   (Curr 0104): (29-31 cr.)
   
   Professional Preparation
   Complete all of the following: (13 cr.)
   CMM 229 Basic Planning/Production for TV (3 cr.)
   CMM 232 Basic Audio Production (3 cr.)
   CMM 335 Writing for Radio & TV (AWR) (3 cr.)
   CMM 375 Television Studio Production (4 cr.)
   Select one of the following:
   CMM 288 Fundamentals of Broadcasting (3 cr.)
   CMM 315 Applied Media Aesthetics (3 cr.)
   CMM 338 Understanding Film (3 cr.)

   Advanced Applications
   Select four of the following:
   CMM 312 Multimedia Production Design (3 cr.)
   CMM 385 Linear & Non-Linear Editing (3 cr.)
   CMM 400 Producing the Documentary (4 cr.)
   CMM 420 Non-Broadcast TV Production (4 cr.)
   CMM 429 TV Field Acting & Production (4 cr.)
   CMM 435 Electronic Media Management (3 cr.)

2. Broadcast Journalism Concentration
   (Curr. 0197): (32 cr.)
   
   Professional Preparation
   Select two of the following (minimum of 6 credits)
   ECO 101 Principles of Economics (3 cr.)
   ENV 101 Introduction to Environmental Science (3 cr.)
   GEG 123 World Geography: Developing World (3 cr.)
   CMM 202 Forensics Participation (1-3 cr.)
   PSC 240 State & Local Government (3 cr.)
   CMM 288 Fundamentals of Broadcasting (3 cr.)
   
   Advanced Applications
   Complete all of the following:
   CMM 209 Broadcast Announcing Practicum (1 cr.)
   CMM 233 TV Station Operations (2 cr.)
   CMM 229 Basic Planning/Production for TV (3 cr.)
   CMM 421 Broadcast Journalism (AWR) (3 cr.)
   JOU 206 Introduction to News Writing (3 cr.)
   JOU 308 Reporting & News Writing (4 cr.)
   CMM 334 On-Camera Performance (3 cr.)
   CMM 458 Directing & Producing TV News (3 cr.)
   CMM 459 Advanced TV News Production (4 cr.)

   TOTAL CREDITS minimum 120
   (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS:

1. Students must earn a minimum grade of C in each of three core courses — CMM 101, CMM 118, and CMM 226 — in order to fulfill the degree requirements for this major.
2. A grade of C or better is required in the AWR course listed in each major.
3. There is a formal application process for the Professional Internship Course (CMM 498), with review of applicants beginning the semester prior to your desired internship. A grade of B or higher is required in all courses designated as prerequisites for a given internship. Consult the Department of Communication Studies internship coordinator to learn of the courses required for an internship in your specialty area.

PUBLIC RELATIONS/ORGANIZATIONAL COMMUNICATION MAJOR
Bachelor of Arts or Bachelor of Science Curriculum 0228 or 0229 Requirements

MAJOR REQUIREMENTS 49-52

A. Communication Studies Core: (22 cr.)
1. Introductory Courses
   CMM 101 Introduction to Public Speaking (3 cr.)
   CMM 118 Mass Media and Society (3 cr.)

2. Survey & History
   CMM 226 Intro. to Human Communication (3 cr.)

3. Organizational Foundations
   CMM 422 Research Methods in Comm. (3 cr.)
   CMM 470 Organizational Communication (3 cr.)

4. Culture & Communication
   Select one of the following:
   CMM 301 Communication & Culture (3 cr.)
   CMM 302 International Communication (3 cr.)
   CMM 316 Intercultural Communication (3 cr.)
   CMM 365 Media & Popular Culture (3 cr.)

5. Communication Theory
   Select one of the following:
   CMM 325 Communication Theory (3 cr.)
   CMM 328 Rhetorical Theories (3 cr.)
   CMM 490 Mass Communication Theory (3 cr.)

6. Senior Seminar
   CMM 491 Senior Portfolio/Assessment (1 cr.)

B. Complete the requirements of one of the following concentrations: (27-30 cr.)
1. Public Relations/Advertising (Curr 0229): (30 cr.)
   Advanced Writing
   Select one of the following:
   CMM 335 Writing for Radio & TV (AWR) (3)
   CMM 421 Broadcast Journalism (AWR) (3)
   CMM 304 Business & Professional Speaking (3 cr.)
   CMM 311 Public Relations (3 cr.)
   CMM 321 Advertising in Electronic Media (3 cr.)
   Critical Thinking & Analysis
   Select one of the following:
   CMM 288 Fundamentals of Broadcasting (3 cr.)
   CMM 322 Propaganda 1900-1945 (3 cr.)
   CMM 323 Propaganda 1945-Present (3 cr.)
   CMM 348 Mass Media Ethics (3 cr.)
   CMM 407 Concepts of Persuasion (3 cr.)
   CMM 455 Mass Media Law (3 cr.)

   Advanced Applications
   Select four of the following, but must take
   CMM 466 or CMM 468;
   CMM 229 Basic Planning/Production TV (3 cr.)
   CMM 232 Basic Audio Production (3 cr.)
   ENG 304 Technical & Professional Writing (3 cr.)
   CMM 310 Small Group Communication (3 cr.)
   CMM 312 Multimedia Production Design (3 cr.)
   CMM 406 Speechwriting (3 cr.)
   JOU 316 Desktop Publishing (3 cr.)
   CMM 435 Electronic Media Management (3 cr.)
   CMM 477 Communication Training & Development (3 cr.)
   CMM 466 Adv. Public Relations Methods (3 cr.)
   CMM 468 Adv. Advertising Strategies (3 cr.)

2. Organizational Leadership Communication Concentration (Curr. 0228): (27 cr.)
   Professional Preparation
   Complete all of the following:
   CMM 304 Business & Professional Speaking (3 cr.)
   CMM 329 Interpersonal Communication (AWR) (3 cr.)
   CMM 406 Speechwriting (3 cr.)
   CMM 410 Leadership Communication (3 cr.)
   Critical Thinking & Analysis
   Select one of the following:
   CMM 288 Fundamentals of Broadcasting (3 cr.)
   CMM 307 Argumentation & Reasoning (3 cr.)
   CMM 407 Concepts of Persuasion (3 cr.)
   Advanced Applications
   Select four of the following:
   CMM 310 Small Group Communication (3 cr.)
   CMM 311 Public Relations (3 cr.)
   CMM 312 Multimedia Production Design (3 cr.)
   CMM 321 Advertising in Electronic Media (3 cr.)
   CMM 435 Electronic Media Management (3 cr.)
   CMM 466 Adv. Public Relations Methods (3 cr.)
   CMM 468 Adv. Advertising Strategies (3 cr.)
   CMM 477 Communication Training & Development (3 cr.)
   ENG 304 Technical & Professional Writing (3 cr.)
   JOU 316 Desktop Publishing (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

SUNY PLATTSBURGH 2009–2010 UNDERGRADUATE AND GRADUATE CATALOG 81
ADDITIONAL DEGREE REQUIREMENTS:
1. Students must earn a minimum grade of C in each of three core courses — CMM 101, CMM 118, and CMM 226 — in order to fulfill the degree requirements for this major.
2. A grade of C or better is required in the AWR course listed in each major.
3. There is a formal application process for the Professional Internship Course (CMM 498), with review of applicants beginning the semester prior to your desired internship. A grade of B or higher is required in all courses designated as prerequisites for a given internship. Consult the Department of Communication Studies internship coordinator to learn of the courses required for an internship in your specialty area.

COMMUNICATION STUDIES MAJOR
Bachelor of Arts or Bachelor of Science
Curriculum 0103 Requirements

CREDITS 49

MAJOR REQUIREMENTS

A. Communication Studies Core: (22 cr.)
1. Introductory Courses
   CMM 101  Introduction to Public Speaking (3 cr.)
   CMM 118  Mass Media and Society (3 cr.)
2. Survey & History
   CMM 226  Intro. to Human Communication (3 cr.)
3. Communication Theory
   Select two of the following:
   CMM 325  Communication Theory (3 cr.)
   CMM 328  Rhetorical Theories (3 cr.)
   CMM 490  Mass Communication Theory (3 cr.)
4. Research & Writing
   Complete all of the following:
   CMM 416  Rhetorical Criticism (AWR) (3 cr.)
   CMM 422  Research Methods in Comm. (3 cr.)
5. Senior Seminar
   CMM 491  Senior Portfolio/Assessment (1 cr.)
B. Rhetoric & Public Address (9 cr.)
   Complete nine credits from the following:
   CMM 202  Forensics Participation (1-3 cr.)
   CMM 304  Business & Professional Speaking (3 cr.)
   CMM 307  Argumentation & Reasoning (3 cr.)
   CMM 406  Speechwriting (3 cr.)
   CMM 407  Concepts of Persuasion (3 cr.)
   CMM 418  American Public Address (3 cr.)
   CMM 477  Communication Training & Development (3 cr.)
C. Human Dynamics (9 cr.)
   Complete nine credits from the following:
   CMM 301  Communication & Culture (3 cr.)

D. Media Studies (9 cr.)
   Complete nine credits from the following:
   CMM 302  International Communication (3 cr.)
   CMM 321  Advertising in Electronic Media (3 cr.)
   CMM 322  Propaganda 1900-1945 (3 cr.)
   CMM 323  Propaganda 1945-Present (3 cr.)
   CMM 330  Criticism of the News Media (3 cr.)
   CMM 348  Mass Media Ethics (3 cr.)
   CMM 365  Media & Popular Culture (3 cr.)
   CMM 455  Mass Media Law (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS:
1. Students must earn a minimum grade of C in each of three core courses — CMM 101, CMM 118, and CMM 226 — in order to fulfill the degree requirements for this major.
2. A grade of C or better is required in the AWR course listed in each major.
3. There is a formal application process for the Professional Internship Course (CMM 498), with review of applicants beginning the semester prior to your desired internship. A grade of B or higher is required in all courses designated as prerequisites for a given internship. Consult the Department of Communication Studies internship coordinator to learn of the courses required for an internship in your specialty area.

JOURNALISM: NEWSPAPER MAJOR
Bachelor of Arts or Bachelor of Science
Curriculum 0195 Requirements

CREDITS 49

MAJOR REQUIREMENTS

1. JOU 110  Introduction to Journalism (3 cr.)
2. JOU 203  Computer Basics for Journalists (1 cr.)
3. JOU 204  U.S. Press History (3 cr.)
4. JOU 206  Introduction to News Writing (3 cr.)
5. JOU 209  Grammar for Journalists (3 cr.)
6. JOU 240  Production for Public Relations and Journalism (3 cr.)
7. JOU 308  Reporting & News Writing (AWR) (3 cr.)
8. JOU 309  Magazine Article Writing (3 cr.)
9. JOU 316  Digital Publishing (3 cr.)
10. JOU 317  Web Design and Production (3 cr.)
11. JOU 318  Newspaper Design and Layout (3 cr.)
12. Select one course:
    JOU 348  Mass Communication Ethics (3 cr.) or
    JOU 455  Mass Media Law (3 cr.)
13. JOU 401 Editing (3 cr.)
14. Six practicum credits are required (five from JOU 402 and/or JOU 406, one from JOU 403 or JOU 411)
   JOU 402 Editorial Newspaper Practicum (1-2 cr.)
   JOU 403 Online Magazine Practicum (1-2 cr.)
   JOU 406 Non-Editorial Newspaper Practicum (1-2 cr.)
   JOU 411 Print Magazine Practicum (1-2 cr.)
15. JOU 408 Journalism Senior Seminar (0 cr.)
16. JOU 498 Internship (3 cr.)
17. Three credits from the following:
   JOU 207 Introduction to Magazines (3 cr.)
   JOU 208 Photojournalism (3 cr.)
   JOU 307 Opinion and Review (3 cr.)
   JOU 310 Sports Reporting (3 cr.)
   JOU 320 Literary Journalism (3 cr.)
   JOU 324 Travel Writing (3 cr.)
   JOU 325 Reporting Masterpieces (3 cr.)
   JOU 326 Outdoor Writing (3 cr.)
   JOU 360 Interactive Journalism (3 cr.)
   JOU 381 Topics in Journalism (1-3 cr.)
   JOU 409 Environmental and Science Writing (3 cr.)
   JOU 410 Advanced Reporting (3 cr.)
   JOU 494 Honors Project Tutorial (3 cr.)
   JOU 495 Advanced Honors Project (3 cr.)
   CMM 311 Introduction to Public Relations (3 cr.)
   CMM 344 On-Camera Performance (3 cr.)
   CMM 421 Broadcast Journalism (3 cr.)

TOTAL CREDITS minimum 120 (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in journalism (JOU) courses.

COMMUNICATION DISORDERS AND SCIENCES DEPARTMENT

Professors: P. Coppens, R. Davis, R. Domenico (chairperson), R. Hamernik, S. Hungerford, M. Morgan, R. Wacker-Mundy
Lecturers: C. Clifford-Ledyard, K. Gonyo
Clinical Directors: N. Allen, A. Gambino
Adjunct Faculty: Five positions

The B.A./B.S. in communication disorders and sciences (723 curriculum) is a pre-professional track to prepare students for a career as a speech-language pathologist or audiologist. Courses focus on the scientific basis and nature of human communication and its disorders, assessment, and remediation. Students study the normal processes of hearing, speech, and language development and their disorders such as articulation and phonological disorders, language-learning delays/disorders, stuttering, aphasia, dyssarhria, autism, cleft palate, voice disorders, hearing impairment, deafness, and others. Highly qualified faculty members, who have an extensive background in the evaluation and treatment of speech, language, and hearing disorders, teach all of the courses. The CDS department’s mission is to effectively prepare students to meet the challenges of our professions by providing quality instruction, modeling/mentoring, and curricular offerings which reflect our diverse society in accordance with the accepted standards of our professions. The department offers a comprehensive curriculum, which integrates academic knowledge and clinical practice. The communication disorders and sciences curriculum meets all the undergraduate requirements for certification with the American Speech-Language-Hearing Association and all undergraduate coursework requirements for New York State Licensure.
The goal of the undergraduate program is to provide a solid foundation for the development of clinical expertise. Students are introduced to the department’s Speech and Hearing Center clinic services as part of several undergraduate courses, including the direct observation of some assessment and therapy sessions. This careful preparation occurs before a formal clinical practicum begins as a graduate student and is supervised by the faculty. A select number of seniors are given the opportunity to be clinicians in our on-campus Speech and Hearing Center. Through advanced coursework and participation in the center, students are trained to select and apply effective clinical techniques to help clients acquire/improve speech, voice, listening, and/or language skills. Following completion of coursework for a B.A./B.S. in communication disorders and sciences, students apply to graduate school to pursue a master’s degree. This allows for employment in a variety of settings, which include public schools, hospitals, nursing homes, head trauma centers, community clinics, and private practices.

The Certificate Program in the Communication Disorders and Sciences Department is designed to prepare students for entering into a graduate program in the field of speech-language pathology. Students entering the Certificate Program already have a bachelor’s degree in a different field, but do not have the necessary undergraduate course work to apply for a master’s degree program in speech-language pathology. Students may transfer a maximum of six credits if they already have taken courses included in the certificate program curriculum. Course syllabi must be reviewed by professors before approval of transfer credits. An application packet for the certificate program may be obtained from Graduate Admissions. Deadline for application is April 1.

**COMMUNICATION DISORDERS AND SCIENCES CERTIFICATE PROGRAM**

**Curriculum 0050 Requirements**

<table>
<thead>
<tr>
<th>CERTIFICATE REQUIREMENTS</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>1. CDS 211</td>
<td>Elementary American Sign Language I (3 cr.)</td>
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<td>2. CDS 241</td>
<td>Speech &amp; Lang Development (3 cr.)</td>
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<tr>
<td>3. CDS 342</td>
<td>Introduction to Phonetics (3 cr.)</td>
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<tr>
<td>4. CDS 343</td>
<td>Speech &amp; Hearing Mechanisms (3 cr.)</td>
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<tr>
<td>5. CDS 344</td>
<td>Introduction to Hearing Speech Science (3 cr.)</td>
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<tr>
<td>6. CDS 345</td>
<td>Introduction to Audiology (3 cr.)</td>
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<tr>
<td>7. CDS 410</td>
<td>Communication Systems and Disorders (3 cr.)</td>
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<tr>
<td>8. CDS 439</td>
<td>Participatory Observation (1 cr.)</td>
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<tr>
<td>9. CDS 443</td>
<td>Aural Rehabilitation (3 cr.)</td>
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<tr>
<td>10. CDS 445</td>
<td>Introduction Articulation and Phonology (3 cr.)</td>
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<tr>
<td>11. CDS 448</td>
<td>Language Disorders (3 cr.)</td>
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</tbody>
</table>

TOTAL CREDITS minimum 31

The American Speech-Language-Hearing Association (ASHA) requires basic science course work for certification. The student’s existing bachelor’s degree should contain one course in biological science, one course in the physical sciences, one course in mathematics, and one course in behavioral and/or social sciences. A course in linguistics also is recommended. Meet with a faculty member to discuss necessary coursework. Admission is limited to the 12 most highly qualified students every fall.

**COMMUNICATION DISORDERS AND SCIENCES MAJOR**

**Bachelor of Arts or Bachelor of Science**

**Curriculum 0723 Requirements**

<table>
<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>A. Departmental Requirements: (45-50 cr.)</td>
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<tr>
<td>1. Communication Disorders and Sciences: (41 cr.)</td>
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<tr>
<td>a. CDS 211</td>
<td>Elementary American Sign Language (3 cr.)</td>
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<tr>
<td>b. CDS 240</td>
<td>Intro. Speech &amp; Hearing Problems (3 cr.)</td>
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<tr>
<td>c. CDS 241</td>
<td>Speech and Language Dev (3 cr.)</td>
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<tr>
<td>d. CDS 338</td>
<td>Professional Writing (AWR) (3 cr.)</td>
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<td>e. CDS 342</td>
<td>Introduction to Phonetics (3 cr.)</td>
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<td>f. CDS 343</td>
<td>Anatomy and Physiology of the Speech and Hearing Mechanism (3 cr.)</td>
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<tr>
<td>g. CDS 344</td>
<td>Introduction to Hearing and Speech Science (3 cr.)</td>
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<tr>
<td>h. CDS 345</td>
<td>Introduction to Audiology (3 cr.)</td>
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<tr>
<td>i. CDS 380</td>
<td>The Practice of Speech-Language Pathology (3 cr.)</td>
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<tr>
<td>j. CDS 410</td>
<td>Communication Systems and Disorders (3 cr.)</td>
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<td>k. CDS 439</td>
<td>Participatory Observation (1 cr.)</td>
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<td>l. CDS 443</td>
<td>Aural Rehabilitation (3 cr.)</td>
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<td>m. CDS 445</td>
<td>Introduction to Articulation and Phonology (3 cr.)</td>
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<td>n. CDS 448</td>
<td>Language and Literacy Disorders in Children (3 cr.)</td>
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<tr>
<td>o. CDS 465</td>
<td>Senior Capstone (2 cr.)</td>
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<tr>
<td>2. Linguistics, select one course: (3 cr.)</td>
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<tr>
<td>LIN 221</td>
<td>Intro. to General Linguistics (3 cr.)</td>
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<td>LIN 430</td>
<td>Theoretical Linguistics (3 cr.)</td>
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<td>3. Electives: (0-5 cr.)</td>
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<tr>
<td>CDS 212</td>
<td>Elem American Sign Lang II (3 cr.)</td>
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<tr>
<td>CDS 460</td>
<td>Clin. Pract. Beg Und Clinicians (1 cr.)</td>
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<tr>
<td>CDS 461</td>
<td>Clinical Audiology Practicum (1 cr.)</td>
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<tr>
<td>B. Cognate Requirements: (27-28 cr.)</td>
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<tr>
<td>1. BIO 100</td>
<td>Concepts of Biology (4 cr.) or</td>
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<tr>
<td>BIO 103</td>
<td>Concepts in Biology without lab (3 cr.) or</td>
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<tr>
<td>BIO 120</td>
<td>Human Biology (3 cr.)</td>
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<tr>
<td>2. CMM 101</td>
<td>Intro. to Public Speaking (3 cr.)</td>
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</table>
consolidation and extension of concepts, phenomena, information. Computer science has evolved through the transformation, communication, and organization of forms. It involves algorithms for the interpretation, and information in numeric, non-numeric, and graphical the solution of problems. This includes the study of data information, and the use of algorithms and information in

Computer science is the study of algorithms and knowledge of the field of computing is applicable to other disciplines, such as mathematics, psychology, physics, linguistics, and philosophy. The discipline has both theoretical and applied components. Theoretical computer science involves the study of the mathematical and logical concepts used in the structure of information and the creation of algorithms, which in turn, lead to the analysis and the design of hardware and software. Applied computer science is concerned with the utilization of the discipline and its machines, not only for the further study of computer science itself, but also for the solution of problems related to various other disciplines.

Entry level career fields for computer science majors are numerous and expanding. Current opportunities include software development where computer programs are written or maintained. These programs may enhance the functionality of an operating system, control special purpose devices like a robot or palm pilot. The program may be integrated with the web. It may involve graphics or perform intensive mathematical computations. Database administration and network management are other fields open to the computer science professional.

The department offers two degree programs in computer science: the Computer Science (CS) major and the Information Technology (IT) major. The CS major presents a general introduction to the discipline of computer science concentrating on both applied and theoretical aspects of the field. Introductory courses cover the discrete mathematics that relates directly to this discipline, and two additional mathematics courses — calculus and/or statistics or linear algebra — are required as cognates. At a more advanced level there are courses on the theory of computation and analysis of algorithms, while courses on operating systems and computer architecture provide the context for computation. There are two courses that join the abstract and concrete and introduce students to the field of software engineering in which students design and implement software systems. We urge students in this major to undertake an undergraduate research project.

The IT major emphasizes the applied aspect of computer science. Students learn to maintain software systems and build complex software systems out of simpler components. Many courses are based on projects that students work on in teams. Modern software systems require well designed human-computer interfaces. They include databases and typically are distributed over the Internet. We expect students to practice sound engineering design principles. Students in the IT major are expected to complete an internship.

Since computing has become ubiquitous, an in-depth knowledge of the field of computing is applicable to fields as diverse as art, music, business, and any of the sciences. We urge students to consider pursuing a minor or second majors in these areas. And, we offer a minor in CS and a minor in IT for students who have elected to place their primary emphases in other disciplines.
COMPUTER SCIENCE MAJOR
Bachelor of Arts
Curriculum 0781 Requirements

MAJOR REQUIREMENTS CREDITS

A. Departmental Requirements: (37-40 cr.)
1. CSC 217 Discrete Mathematics with Computer Science Applications I (3 cr.)
2. CSC 219 Intro. to UNIX (1 cr.)
3. CSC 221 Intro. to Programming (3 cr.)
4. CSC 223 Data Structures and Algorithms (3 cr.)
5. CSC 318 Discrete Mathematics with Computer Science Applications II (3 cr.)
6. CSC 321 Design & Analysis Algorithms (3 cr.)
7. CSC 333 Computer Organization (3 cr.)
8. CSC 336 Software Engineering I (3 cr.)
9. CSC 372 Ethics in the Age of Technology and Information (AWR) (3 cr.)
10. CSC 422 Theory of Computation (3 cr.)
11. CSC 433 Operating Systems (3 cr.)
12. CSC 446 Software Design Studio (3 cr.)
13. Additional advanced courses: (3-6 cr.)
   a. One additional three-credit 300/400 level Computer Science course (excluding CSC 495, CSC 496, CSC 498, and CSC 499) or
   b. A six-credit research project, taken as CSC 495 Undergraduate Research (3-6 cr.)

B. Cognate Requirements: (9-11 cr.)
1. CMM 101 Introduction to Public Speaking (3 cr.)
2. Select one course from the following: (3-4 cr.)
   a. CSC 318 Discrete Math with Computer Science Applications II (3 cr.)
   b. MAT 161 Introductory Statistics (3 cr.)
   c. MAT 221 Calculus for Life, Management, and Social Sciences I (3 cr.)
   d. MAT 224 Calculus I (4 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in courses taken under section A. of the major requirements above.
2. A grade of C or better in CSC 121 and CSC 221.

INFORMATION TECHNOLOGY MAJOR
Bachelor of Science
Curriculum 0305 Requirements

MAJOR REQUIREMENTS CREDITS

A. Departmental Requirements: (33 cr.)
1. CSC 121 Intro. to Computing and the Web (3 cr.)
2. CSC 221 Introduction to Programming (3 cr.)
3. CSC 217 Discrete Mathematics with Computer Science Applications I (3 cr.)
4. CSC 219 Intro to UNIX (1 cr.)
5. CSC 313 High Level Language (1 cr.)
6. CSC 320 System Administration (1 cr.)
7. CSC 330 Human Computer Interaction (3 cr.)
8. CSC 336 Software Engineering I (1 cr.)
9. CSC 341 Intro. to Database with Web Applications (3 cr.)
10. CSC 357 Computer Networks and Security (3 cr.)
11. CSC 372 Ethics in the Age of Technology and Information (AWR) (3 cr.)
12. CSC 436 Software Engineering II (3 cr.)
13. Select one course from the following: (3 cr.)
   a. CSC 498 Internship (3 cr.)
   b. CSC 436 Software Engineering II (3 cr.) (with a different topic than A. 12)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in courses taken under section A. of the major requirements above.
2. A grade of C or better in CSC 121 and CSC 221.

CENTER FOR EARTH AND ENVIRONMENTAL SCIENCE

SUNY Distinguished Service Professor: J. Dawson
SUNY Distinguished Teaching Professors:
K. Adams, D. Franzi
Associate Professors: L. McIlroy, J. Moravek, E. Romanowicz, M. Wu
Assistant Professors: D. Garneau, G. Stainback
Research Associate: E. Allen
Adjunct Faculty: Two positions

The Center for Earth and Environmental Science (CEES) has been training environmental scientists, geologists, and geographers for more than 36 years, with over 2,600 alumni across New York state and around the world. More than 20 faculty are focused on undergraduate education, and five hold the prestigious Chancellor’s Award for Excellence in Teaching. Nearly all are active.
in grant-supported research, so that CEES students get opportunities for hands-on work typically reserved for graduate students elsewhere. CEES students enjoy a diverse landscape including Lake Champlain and the Adirondack mountains, forests, lakes, rivers, and alpine summits for recreation and research.

Special features of the Center for Earth and Environmental Science include the Applied Environmental Science Program at the W.H. Miner Agricultural Research Institute; the Lake Champlain Research Institute with a lake research vessel; Remote Sensing Lab; Geographic Information Systems Lab; Fission Track Analysis Lab; Ecosystem Studies Field Lab; plus numerous scholarship, internship, and independent study opportunities. CEES faculty host the Earth and Environmental Science Club, the Environmental Action Committee, and an electronic student journal Scientia Discipulum.

The Center for Earth and Environmental Science offers 13 major programs, including study options within degree programs. In environmental science, there are three major programs. The B.A. in environmental science is the most versatile option, featuring suites of advanced electives in biological, physical, human, and technical areas. These students choose jobs in environmental consulting, work at parks and nature preserves, or become involved with law and policy-making. The B.S. in environmental science emphasizes electives in systems science, such as ecosystem processes, modeling, environmental chemistry, and hydrogeology. Many students from this option are focused on a science or engineering graduate degree, environmental technician jobs, work with state and federal agencies, or environmental consulting roles. The B.A. in environmental science study option in environmental planning and management is of special interest because it emphasizes human dimensions in managing natural resources as well as technical skills in mapping science and geographic information systems (GIS). Students work on a regional scale and are often employed with city, county, and state governments or consulting firms.

The B.S. in ecology examines the interactions between organisms and their environment, emphasizing coursework in basic biology and a number of advanced ecology courses at the population, community, and ecosystem level. Students are prepared for graduate work or can become professional ecologists or naturalists in state and federal agencies or private organizations.

The geography program provides a broad background in the fields of physical, cultural, and regional geography and covers such subjects as cartography, computer mapping, recreation, environmental conservation, urban planning, planning process, climatology, and urban, economic, and political geography. The skills courses are characterized by small classes, individualized instruction and excellent equipment. Also, geography is involved in interdisciplinary programs, especially planning and Latin American and Canadian studies. The major prepares students for graduate study in geography or for employment in a wide variety of government and business occupations, such as urban and regional planning, cartography, computer mapping, and surveying.

The B.A. in geography study option in global social studies provides students with both the geography courses and other content coursework they would need to be qualified to enter a graduate education program and become social studies teachers in grades 7-12.

The B.A. in environmental studies is supported by both the geography and environmental science programs, as well as environmentally themed courses from the social sciences and humanities. It is a multi-disciplinary major that emphasizes the role of social justice and sustainability in developing global environmental solutions.

Geology students at SUNY Plattsburgh can choose from five major programs. The B.S. in geology is the most traditional option, requiring a core of physical and historical geology, mineralogy and petrology, structural geology, and sedimentology. These students choose jobs in geotechnical consulting, work at government labs, or use their strong preparation in chemistry, math, and physics to qualify for graduate school in geology. The B.A. in geology features the same core but exchanges some courses in math and other sciences for general electives that allow students to customize their degree in consultation with their academic advisor. Students from this option are also qualified for lab and field technician jobs, work with state and federal agencies, and fill consultant roles. The B.A. in geology study option in environmental geology is similar, except that students have a wider suite of chemistry, environmental science, and geology advanced electives to choose from. Our study option in earth science offers the content students need to pursue teacher certification in earth science at the master’s level.

The study of geology can also be pursued through the combined B.A./M.S.T. Geology/Adolescence Education program. This program leads to adolescence education teacher certification in earth science. (See the Combined Programs section of this catalog.)

ECOLOGY MAJOR
Bachelor of Science
Curriculum 0293 Requirements

MAJOR REQUIREMENTS:

<table>
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<th>CREDITS</th>
<th>66-75</th>
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</table>

A. Departmental Requirements: (48-55 cr.)

1. Required Courses: (27-28 cr.)

   a. BIO 101 General Biology I (4 cr.)
   b. BIO 102 General Biology II (4 cr.)
   c. BIO 205 Plant and Fungal Biology (3 cr.) or
      BIO 221 General Zoology (3 cr.)
   d. BIO 208 Evolution (3 cr.) or
      BIO 305 Genetics (4 cr.)
   e. ENV 304 Ecology (4 cr.)
   f. ENV 333 Biostatistics (3 cr.) or
      MAT 161 Introduction to Statistics (3 cr.)
   g. ENV 436 Population and Community Ecology (3 cr.) or
      ENV 462 Ecosystem Ecology* (3 cr.)
h. ENV 340  Seminar in Environmental Science  
(3 cr.)

2. Advanced Ecology: (15-19 cr.)
   a. Organismal/Population/Community Ecology  
      (6-7 cr.)
      i. BIO 329  Animal Behavior (3 cr.)
      ii. BIO 481  Conservation Biology (3 cr.)
      iii. ENV 332  Plant Ecology (3 cr.)
      iv. ENV 337  Field Ecology (3 cr.)
      v. ENV 430  Wildlife Ecology and Mgmt.  
         (4 cr.)
      vi. ENV 436  Population and Community  
         Ecology* (3 cr.)
      vii. GEL 335  Extinction (3 cr.)
   b. Ecosystems Ecology (6-8 cr.)
      i. ENV 329  Environmental Management  
         (3 cr.)
      ii. ENV 338  Forest Ecology and  
         Management (4 cr.)
      iii. ENV 339  Wetlands Ecology and  
         Management (3 cr.)
      iv. ENV 370  Introduction to Soil Science  
         (4 cr.)
      v. ENV 431  Freshwater Ecology (4 cr.)
      vi. ENV 433  River Ecology (3 cr.)
      vii. ENV 462  Ecosystem Ecology* (3 cr.)
   c. Ecology Electives (3-4 cr.)
      Any course from the Organismal or Ecosystem  
      categories above (3-4 cr.) or ENV 480 Advanced  
      Topics in Ecology (3 cr.).

3. Elective Courses in Area of Specialization  
   (6-8 cr.)
   a. BIO 411  Plant Physiology (4 cr.) or  
      BIO 421  Principles of Animal  
      Physiology (4 cr.)
   b. CHE 371  General Biochemistry (4 cr.) or  
      CHE 401  Biochemistry I (3 cr.)
   c. ENV 350  Intro. to Geographic Info Systems  
      (3 cr.)
   d. ENV 355  Remote Sensing (3 cr.)
   e. ENV 413  Biogeochemical Cycling (3 cr.)
   f. ENV 499  Independent Study (3 cr.)
   g. GEL 341  Geomorphic Processes (4 cr.)
   h. GEL 343  Hydrology (4 cr.)
   i. GEL 346  Environmental Geology (4 cr.)

B. Cognate Requirements: (18-20 cr.)
   1. CHE 111  Fundamental Principles of  
      Chemistry I (4 cr.)
   2. CHE 112  Fundamental Principles of  
      Chemistry II (4 cr.)
   3. MAT 221  Calculus for Life, Management,  
      and Social Sciences I (3 cr.)
   4. Select two of the following: (7-9 cr.)
      a. GEL 101  Physical Geology (4 cr.)
      b. MAT 222  Calculus for the Life, Management,  
         and Social Sciences II (3 cr.)
      c. One of the following:  
         CHE 240  Fundamentals of Organic Chemistry  
         (5 cr.)
         CHE 241  Organic Chemistry I (4 cr.)
   5. CHE 271  Intro. to Organic and Biochemistry  
      (4 cr.)

NOTE: *ENV 436 or ENV 462 used to satisfy the  
Required Courses category may not be used to satisfy  
the Advanced Ecology options.

TOTAL CREDITS  minimum 120  
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
   1. A minimum overall GPA of 2.0 is required in courses  
taken under the major requirements above, and in all  
environmental science (ENV) courses.

ENVIRONMENTAL SCIENCE  
MAJOR
Bachelor of Arts  
Curriculum 0363 Requirements

<table>
<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>A. Departmental Requirements: (43-47 cr.)</td>
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<tr>
<td>1. ENV 201  Environment and Society (3 cr.)</td>
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<td>2. ENV 206  Environmental Technology I (3 cr.)</td>
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<td>3. ENV 304  Ecology (4 cr.)</td>
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<tr>
<td>4. ENV 306  Atmospheric Processes (3 cr.)</td>
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</tbody>
</table>
| 5. ENV 340  Seminar in Environmental Science  
   (AWR) (3 cr.) | |

| 6. Advanced Courses: (27-31 cr.) | |
| a. Biological Environment, select two courses: (6-8 cr.) | |
|   BIO 205  Plant and Fungal Biology (3 cr.) | |
|   BIO 329  Animal Behavior (3 cr.) | |
|   ENV 332  Plant Ecology (3 cr.) | |
|   ENV 337  Field Ecology (3 cr.) | |
|   ENV 338  Forest Ecology and Management  
   (4 cr.) | |
|   ENV 339  Wetlands Ecology and Management  
   (3 cr.) | |
|   ENV 430  Wildlife Ecology and Mgmt (4 cr.) | |
|   ENV 431  Freshwater Ecology (4 cr.) | |
|   ENV 433  River Ecology (3 cr.) | |
|   ENV 480  Advanced Topics in Ecology (3 cr.) | |

| b. Physical Environment, select two courses: (6-8 cr.) | |
|   ENV 248  Intro. to Water Resources (3 cr.) | |
|   ENV 356  Environmental Technology II (3 cr.) | |
|   ENV 370  Introduction to Soil Science (4 cr.) | |
|   GEL 291  Oceanography (3 cr.) | |
|   GEL 305  Energy and Mineral Resources (3 cr.) | |
|   GEL 307  Geochemistry (3 cr.) | |
|   GEL 341  Geomorphic Processes (4 cr.) | |
|   GEL 343  Hydrology (4 cr.) | |
|   GEL 346  Environmental Geology (4 cr.) | |
|   GEL 441  Groundwater Hydrology (3 cr.) | |

A. Departmental Requirements: (43-47 cr.)
   1. ENV 201  Environment and Society (3 cr.)
   2. ENV 206  Environmental Technology I (3 cr.)
   3. ENV 304  Ecology (4 cr.)
   4. ENV 306  Atmospheric Processes (3 cr.)
   5. ENV 340  Seminar in Environmental Science  
      (AWR) (3 cr.)

   6. Advanced Courses: (27-31 cr.)
      a. Biological Environment, select two courses:
         (6-8 cr.)
         BIO 205 Plant and Fungal Biology (3 cr.)
         BIO 329 Animal Behavior (3 cr.)
         ENV 332 Plant Ecology (3 cr.)
         ENV 337 Field Ecology (3 cr.)
         ENV 338 Forest Ecology and Management  
         (4 cr.)
         ENV 339 Wetlands Ecology and Management  
         (3 cr.)
         ENV 430 Wildlife Ecology and Mgmt (4 cr.)
         ENV 431 Freshwater Ecology (4 cr.)
         ENV 433 River Ecology (3 cr.)
         ENV 480 Advanced Topics in Ecology (3 cr.)

      b. Physical Environment, select two courses:
         (6-8 cr.)
         ENV 248 Intro. to Water Resources (3 cr.)
         ENV 356 Environmental Technology II (3 cr.)
         ENV 370 Introduction to Soil Science (4 cr.)
         GEL 291 Oceanography (3 cr.)
         GEL 305 Energy and Mineral Resources (3 cr.)
         GEL 307 Geochemistry (3 cr.)
         GEL 341 Geomorphic Processes (4 cr.)
         GEL 343 Hydrology (4 cr.)
         GEL 346 Environmental Geology (4 cr.)
         GEL 441 Groundwater Hydrology (3 cr.)
c. Human Environment, select two courses: (6 cr.)
   ENV 310 Environmental Planning (3 cr.)
   ENV 329 Environmental Management (3 cr.)
   ENV 364 Ecological Economics (3 cr.)
   ENV 417 Environmental Impact Assessment (3 cr.)
   ENV 421 Environmental Law and Policy (3 cr.)
   ENV 440 Agriculture and the Environment (3 cr.)
   ENV 481 Sustainability (3 cr.)
   GEG 303 Environmental Conservation (3 cr.)
   PSC 341 Politics and Environment (3 cr.)

d. Technical Skills, select one course: (3 cr.)
   ENV 319 Introduction to Modeling Environmental Systems (3 cr.)
   ENV 347 Instrumentation in Water Quality Analysis (3 cr.)
   ENV 350 Intro. to Geographic Information Systems and Mapping (3 cr.)
   ENV 355 Principles of Remote Sensing (3 cr.)
   ENV 419 Geographic Information Systems Applications (3 cr.)
   GEL 352 Geologic Field Methods (3 cr.)

e. Electives in environmental science: (6 cr.)
   Any 300/400 level ENV course(s) including internships, senior projects or independent study. (CHE308 will also satisfy this requirement.)

B. Cognate Requirements: (22 cr.)
1. GEL 101 Physical Geology (4 cr.)
2. Complete one of the following groups:
   Group 1
   BIO 101 General Biology I (4 cr.)
   BIO 102 General Biology II (4 cr.)
   CHE 101 General Chemistry (4 cr.)
   Group 2
   BIO 102 Concepts in Biology (4 cr.)
   CHE 111 Fund. Principles of Chemistry I (4 cr.)
   CHE 112 Fund. Principles of Chemistry II (4 cr.)
3. MAT 131 Quantitative Reasoning in Basic Math (3 cr.) or
   MAT 221 Calculus Life, Management and Social Sciences I (3 cr.)
4. MAT 161 Introduction to Statistics (3 cr.) or
   ENV 333 Biostatistics (3 cr.)

TOTAL CREDITS minimum 120 (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in courses taken under departmental requirements, and in all environmental science (ENV) courses.

ENVIRONMENTAL SCIENCE MAJOR
Bachelor of Science
Curriculum 0366 Requirements

MAJOR REQUIREMENTS

CREDITS 74-84

A. Departmental Requirements: (46-53 cr.)
1. ENV 201 Environment and Society (3 cr.)
2. ENV 206 Environmental Technology I (3 cr.)
3. ENV 304 Ecology (4 cr.)
4. ENV 306 Atmospheric Processes (3 cr.)
5. ENV 340 Seminar in Env. Science (AWR) (3 cr.)
6. Advanced course work to total 30-37 credits
   a. Physical and Chemical Processes, select four courses: (12-16 cr.)
      CHE 308 Environmental Chemistry (3 cr.)
      ENV 356 Environmental Technology II (3 cr.)
      ENV 370 Introduction to Soil Science (4 cr.)
      GEL 441 Hydrogeology (3 cr.)
   b. Ecological Processes, select three courses: (9-12 cr.)
      ENV 332 Plant Ecology (3 cr.)
      ENV 337 Field Ecology (3 cr.)
      ENV 339 Wetlands Ecology and Management (3 cr.) or
      ENV 430 Wildlife Ecology and Mgmt (4 cr.)
      ENV 433 River Ecology (3 cr.)
      ENV 436 Population and Community Ecology (3 cr.)
      ENV 462 Ecosystem Ecology (3 cr.)
   c. Environmental Science Applications, select two courses: (6 cr.)
      ENV 347 Instrumentation & Water Quality Analysis (3 cr.)
      ENV 350 Intro. to Geographic Information Systems (3 cr.)
      ENV 355 Principles of Remote Sensing (3 cr.)
      ENV 417 Environmental Impact Assessment (3 cr.)
      ENV 419 Geographic Information Systems Applications (3 cr.)
      ENV 421 Environmental Law and Policy (3 cr.)
      ENV 440 Agriculture and the Environment (3 cr.)
      ENV 455 Advanced Remote Sensing (3 cr.)
      ENV 481 Sustainability (3 cr.)
      One of the following:
      ENV 409 Senior Project (3 cr.) or
      ENV 498 Internship (3 cr.) or
      ENV 499 Independent Study (3 cr.)
   d. ENV Electives (3 cr.)
B. Cognate Requirements: (28-31 cr.)
1. GEL 101 Physical Geology (4 cr.)
2. MAT 221 Calculus for Life, Management and Social Sciences I (3 cr.)
3. MAT 161 Introduction to Statistics (3 cr.) or ENV 333 Biostatistics (3 cr.)
4. CHE 111 Fund. Principles of Chemistry I (4 cr.)
5. CHE 112 Fund. Principles of Chemistry II (4 cr.)
6. BIO 102 General Biology II (4 cr.)
7. Select two of the following: (6-9 cr.)*
   BIO 101 General Biology I (4 cr.)
   MAT 222 Calculus for Life, Management and Social Sciences II (3 cr.)
   PHY 102 Introduction to Physics (3 cr.)
   A course in Organic Chemistry (4-5 cr.)
   *Students planning to attend graduate school should take all four courses listed above.

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 is required in courses taken under the major requirements above, and in all environmental science (ENV) courses.

ENVIRONMENTAL SCIENCE MAJOR
Bachelor of Arts
(Study Option in Environmental Planning and Management)
Curriculum 0365 Requirements

MAJOR REQUIREMENTS

A. Departmental Requirements: (49-50 cr.)
1. Core: (16 cr.)
   a. ENV 201 Intro. to Environmental Science (3 cr.)
   b. ENV 206 Environmental Technology I (3 cr.)
   c. ENV 304 Ecology (4 cr.)
   d. ENV 306 Atmospheric Processes (3 cr.)
   e. ENV 340 Seminar in Environmental Science (AWR) (3 cr.) or GEL 440 Geology Seminar (AWR) (3 cr.)
2. Advanced Courses: (33-34 cr.)
   a. ENV 310 Environmental Planning (3 cr.)
   b. ENV 329 Environmental Management (3 cr.)
   c. ENV 350 Introduction to Geographic Information Systems and Mapping (3 cr.)
   d. ENV 417 Environmental Impact Assessment (3 cr.)
   e. ENV 421 Environmental Law and Policy (3 cr.)
   f. Select one: (3 cr.)
      ECO 303 Environmental Economics (3 cr.)
      ENV 364 Ecological Economics (3 cr.)
   f. Environmental Resources Electives:
      A minimum of six (6) credits from the following courses:
      ENV 248 Intro. to Water Resources (3 cr.)
      ENV 339 Wetlands Ecology and Management (3 cr.)
      ENV 430 Wildlife Ecology and Management (4 cr.)
      ENV 431 Freshwater Ecology (4 cr.)
      ENV 433 River Ecology (3 cr.)
      ENV 481 Sustainability (3 cr.)
      GEL 343 Hydrology (4 cr.)
      GEL 346 Environmental Geology (4 cr.)

B. Cognate Requirements: (18 cr.)
1. BIO 102 Concepts in Biology (4 cr.)
2. CHE 101 General Chemistry I (4 cr.)
3. GEL 101 Physical Geology (4 cr.)
4. MAT 131 Quantitative Reasoning in Basic Math (3 cr.) or MAT 221 Calculus for Life, Management, and Social Sciences I (3 cr.)
5. Select one course: (3 cr.)
   ENV 333 Biostatistics (3 cr.)
   MAT 161 Introduction to Statistics (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ENVIRONMENTAL STUDIES MAJOR
Bachelor of Arts
Curriculum 0110 Requirements

MAJOR REQUIREMENTS

A. Program Requirements: (46-48 cr.)
1. GEG 121 Human Geography (3 cr.)
2. ENV 201 Environment and Society (3 cr.)
3. GEG 120 Physical Geography (3 cr.) or GEL 101 Physical Geology (4 cr.)
4. GEG 332 Environmental Justice (3 cr.) or PHI 350 Environmental Ethics (3 cr.) or SOC 367 Sociology of the Environment (3 cr.)
5. ENV 304 Ecology (4 cr.)
6. HIS 319 Environmental History (3 cr.) or HIS 342 History of Ecology and Environmentalism (3 cr.)
7. ENV 340 Environmental Science Seminar (AWR) (3 cr.) or GEG 450 Geographical Themes and Concepts (AWR) (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)
8. Policy, Planning and Management (9 cr.) — at least one course from each category.
   a. Policy/Management (select at least one course)
   ENV 329 Environmental Management (3 cr.)
   ENV 421 Environmental Policy (3 cr.)
   ENV 364 Ecological Economics (3 cr.)
   GEG 303 Environmental Conservation (3 cr.)
   INT 301 Political Economy of Sustainable Development (3 cr.)
   b. Planning (select at least one course)
   GEG 301 Global Planning Principles (3 cr.)
   GEG 307 Urban Geography & Planning (3 cr.)
   ENV 310 Environmental Planning (3 cr.)
   GEG 321 Planning Process (3 cr.)
   GEG 431 Recreational Land Use Planning (3 cr.)
9. Perspectives on the Environment (9 cr.) — at least one course from each category:
   a. Cultural Perspectives, select one course:
   ANT 336 Civilization and Health (3 cr.)
   ANT 359 Ecology, Systems, and Culture (3 cr.)
   GEG 332 Environmental Justice (3 cr.)*
   GEG 319 Geography of New York state (3 cr.)
   GEG 331 Recreation and Tourism (3 cr.)
   ENV 307 World Environments and People (3 cr.)
   INT 365 Poverty, Disease, and the Environment (3 cr.)
   SOC 315 Sociology of Health and Medicine (3 cr.)
   SOC 325 Sociology of Urban Life in North America (3 cr.)
   SOC 367 Sociology of the Environment (3 cr.)*
   b. Historical and Philosophical Perspectives, select one course:
   ENG 306 Topics in Writing: Nature (3 cr.)
   HIS 319 U.S. Environmental History (3 cr.)*
   HIS 342 History of Ecology and Environmentalism (3 cr.)*
   HIS 344 Adirondack Environmental History (3 cr.)
   JOU 409 Environmental and Science Writing (3 cr.)
   PHI 350 Environmental Ethics (3 cr.)*
   c. Environmental Science Perspectives, select one course:
   ENV 337 Field Ecology (3 cr.)
   ENV 339 Wetlands Ecology and Management (3 cr.)
   ENV 430 Wildlife Ecology and Management (4 cr.)
   GEL 291 Oceanography (3 cr.)
   GEL 305 Energy and Mineral Resources (3 cr.)
10. Technical Environmental Skills (3 cr.) — select one course:
    ENV/GEG 350 Introduction to GIS (3 cr.)
    ENV 355 Principles of Remote Sensing (3 cr.)
    ENV 417 Environmental Impact Assessment (3 cr.)
    GEG 340 Computer Applications in Geography (3 cr.)
    Internship by advisement
11. Outdoor Experience (3 cr.)
    EXP 180 Introduction to Rock Climbing (2 cr.)
    EXP 183 Introduction to Ice Climbing (2 cr.)
    EXP 186 Introduction to Free-heel Skiing (2 cr.)
    EXP 360 Wilderness First Responder (3 cr.)
    EXP 370 Outdoor Sports and Culture (3 cr.)
    PED 175 Sea Kayaking I (1 cr.)
    PED 195 Whitewater Kayaking I (1 cr.)
    PED 201 CPR/AED/ First Aid (1 cr.)

B. Cognate Requirements: (7 cr.)
1. MAT 161 Introductory Statistics (3 cr.)
2. BIO 100 Concepts in Biology (4 cr.) or
   BIO 102 General Biology II (4 cr.)

*Courses taken to satisfy Group 4 and Group 6 requirements may not be used to also satisfy requirements in Group 9.

TOTAL CREDITS minimum 120
(including General Education Requirements)

GEOPHGRAPHY MAJOR
Bachelor of Arts
Curriculum 0726 Requirements

MAJOR REQUIREMENTS

1. GEG 120 Intro. to Physical Geography (3 cr.)
2. GEG 121 Human Geography (3 cr.)
3. GEG 123 World Geography: The Developed World (3 cr.) or
   GEG 124 World Geography: The Developing World (3 cr.)
4. Select one advanced regional course (3 cr.):
   GEG 310 Geography of the U.S. in Global Perspective (3 cr.)
   GEG 312 Geography of Russia in Global Perspective (3 cr.)
   GEG 314 Geography of Europe (3 cr.)
   GEG 316 Geography of Canada (3 cr.)
   GEG 317 Geography of South America (3 cr.)
   GEG 319 Geography of New York state (3 cr.)
   GEG 335 Geography of Southeast Asia (3 cr.)
5. Select one advanced physical geography course (3 cr.):
   ENV 306 Atmospheric Processes (3 cr.)
   GEG 320 Climatology (3 cr.)
   GEG 322 Regional Geomorphology of the U.S. (3 cr.)
   GEL 341 Geomorphic Processes (3 cr.)
6. Select one advanced human geography course (3 cr.):
   GEG 304 Economic Geography (3 cr.)
   GEG 308 Political Geography (3 cr.)
   GEG 331 Recreation and Tourism Geography (3 cr.)
   GEG 332 Environmental Justice (3 cr.)
7. GEG 340 Computer Applications in Geography (3 cr.) or
8. Select one applied geography course (3 cr.):
   ENV 310  Environmental Planning (3 cr.)
   ENV 335  Remote Sensing (3 cr.)
   GEG 290  Global Positioning Systems and Digital Mapping (3 cr.)
   GEG 301  Global Planning Principles (3 cr.)
   GEG 307  Urban Geography and Planning (3 cr.)
   GEG 321  Planning Process (3 cr.)
   GEG 431  Recreational Land Use Planning (3 cr.)

9. Geography electives and/or internship (12 cr.)

10. GEG 450  Geography: Themes and Concepts (AWR) (3 cr.)

TOTAL CREDITS minimum 120 (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum overall GPA of 2.0 for all geography (GEG) courses.

GEOLOGY MAJOR
Bachelor of Science
Curriculum 0756 Requirements

MAJOR REQUIREMENTS CREDITS 70-72

A. Departmental Requirements: (45 cr.)
   1. a. GEL 101  Physical Geology (4 cr.)
      b. GEL 102  Evolution of the Earth (4 cr.)
      c. GEL 307  Geochemistry (3 cr.)
      d. GEL 310  Earth Materials I (4 cr.)
      e. GEL 323  Earth Materials II (4 cr.)
      f. GEL 324  Sedimentology (4 cr.)
      g. GEL 451  Field Geology and Structures (4 cr.)
      h. GEL 440  Geology Seminar (AWR) (3 cr.)
   2. Electives Courses from the following: (15 cr.)
      ENV 350  Introduction to Geographic Info. Systems and Mapping (3 cr.)
      ENV 355  Principles of Remote Sensing (3 cr.)
      GEL 305  Energy and Mineral Resources (3 cr.)
      GEL 335  Extinction (3 cr.)
      GEL 341  Geomorphic Processes (4 cr.)
      GEL 343  Hydrology (4 cr.)
      GEL 346  Environmental Geology (4 cr.)
      GEL 352  Geologic Field Methods (2 cr.)
      GEL 441  Hydrogeology (3 cr.)

B. Cognate Requirements: (25-27 cr.)
   1. CHE 111  Fund. Principles of Chemistry I (4 cr.)
   2. CHE 112  Fund. Principles of Chemistry II (4 cr.)
GEOLOGY MAJOR
Bachelor of Arts
(Study Option in Earth Science)
Curriculum 0369 Requirements

MAJOR REQUIREMENTS

A. Departmental Requirements: (36-38 cr.)
1. GEL 101 Introduction to Astronomy (4 cr.)
2. GEL 102 Physical Geology (4 cr.)
3. GEL 102 Evolution of the Earth (4 cr.)
4. GEL 291 Oceanography (3 cr.) or
   GEL 343 Hydrology (4 cr.)
5. GEL 306 Atmospheric Processes (3 cr.)
6. GEL 310 Earth Materials I (4 cr.)
7. GEL 323 Earth Materials II (4 cr.)
8. GEL 324 Sedimentology (4 cr.)
9. GEL 440 Geology Seminar (AWR) (3 cr.)
10. GEL Electives: (3-4 cr.)

TOTAL CREDITS minimum 120
   (including General Education Requirements)

GEOLOGY MAJOR
Bachelor of Arts
(Study Option in Environmental Geology)
Curriculum 0193 Requirements

MAJOR REQUIREMENTS

A. Departmental Requirements: (44-45 cr.)
1. Required Courses (35-36)
   GEL 101 Physical Geology (4 cr.)
   GEL 102 Evolution of the Earth (4 cr.)
   GEL 310 Earth Materials I (4 cr.)
   GEL 324 Sedimentology (4 cr.)
   GEL 341 Geomorphic Processes (4 cr.)
   GEL 343 Hydrology (4 cr.)
   GEL 346 Environmental Geology (4 cr.)
   GEL 440 Geology Seminar (AWR) (3 cr.)
   GEL 441 Hydrogeology (3 cr.)
   GEL 300/400 Level (3-4 cr.)
2. Departmental Electives: (9 cr.)
   Select at least one course from each category.
   Upper Division Environmental Chemistry
   CHE 240 Fund. of Organic Chemistry (5 cr.)
   GEL 307 Geochemistry (3 cr.)
   CHE 308 Environmental Chemistry (3 cr.)
   ENV 413 Biogeochemical Cycling (3 cr.)
   ENV 360 Environmental Engineering (3 cr.)
ENV 370  Introduction to Soil Science (4 cr.)

Upper Division Skills

ENV 319  Intro. Modeling Environmental Systems (3 cr.)
ENV 350  Intro. to Geographic Information Systems and Mapping (3 cr.)
ENV 355  Remote Sensing (3 cr.)
ENV 411  Water Quality Modeling (4 cr.)
ENV 419  G.I.S. Applications (3 cr.)
ENV 437  Inst. & Water Quality Analysis (4 cr.)
ENV 455  Advanced Remote Sensing (3 cr.)
GEL 352  Geologic Field Methods (2 cr.)

B. Cognate Requirements: (21-23 cr.)
1. CHE 111  Fundamentals of Chemistry I (4 cr.)
2. CHE 112  Fundamentals of Chemistry II (4 cr.)
3. MAT 161  Introductory Statistics (3 cr.) or ENV 333  Biostatistics (3 cr.)
4. MAT 221  Calculus for Life, Management, and Social Sciences I (3 cr.) or MAT 224  Calculus I (4 cr.)
5. MAT 222  Calculus for Life, Management, and Social Sciences II (3 cr.) or MAT 225  Calculus II (4 cr.)
6. PHY 101  Introduction to Physics (4 cr.)

TOTAL CREDITS minimum 120 (including General Education Requirements)

ENGINEERING OPTIONS

The engineering options are administered by the Chemistry and Physics Departments. Students who complete the program option receive the Bachelor of Arts in their field of study from SUNY Plattsburgh and a degree in the appropriate engineering area from an accredited engineering school of the student's choosing. For engineering option requirements, refer to the specific department.

ENGLISH DEPARTMENT

SUNY Distinguished Teaching Professor:
T. Morrissey (Chairperson)

Professors: A. Battigelli, B. Butterfield, A. Levitin, J. Shout, J. Torres-Padilla

Associate Professors: J. Chatlos, T. Church-Guzzio, P. Johnston, E. Osty

Assistant Professors: T. Friedrich, L. Kiefer, C. Lipszyc

Lecturers: L. Bergamini, M. Gottschall, M. Holden, E. Ketner

Adjunct Faculty: Twelve positions

The English Department offers three majors — one in literature, one in writing arts, and a pre-professional program in language arts. Both the literature major and the writing arts major provide a broad acquaintance with important literature of the past and present and offer a wide selection of writing courses.

Students wishing to become middle or high school English teachers can enroll in the language arts program or, if qualified, the combined Bachelor of Arts/Master of Science for Teachers program (0221), which is jointly administered by the English Department and the Teacher Education Unit. For more information, see the Combined Programs section of this catalog.

The English department sponsors a student-run literary magazine and an international literary magazine. The department offers prizes for outstanding essays, poetry, and fiction and awards four scholarships annually to deserving majors. Further, an advanced honors program is available for students in all programs.

ENGLISH: WRITING ARTS MAJOR
Bachelor of Arts or Bachelor of Science
Curriculum 0238 Requirements

MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>Credits</th>
<th>A. Departmental Requirements (21 cr.):</th>
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</thead>
<tbody>
<tr>
<td>45</td>
<td>1. ENG 195  Fundamentals of Literary Study I: The Literary Object (3 cr.)</td>
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<tr>
<td></td>
<td>(Transfer students and students changing their major to English: Writing Arts may satisfy this requirement with any lower-level literature course.)</td>
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<tr>
<td>1. ENG 196  Fundamentals of Literary Study II: Trends and Movements (3 cr.)</td>
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<tr>
<td>3. ENG 365  Rhetoric and Writing Arts (3 cr.)</td>
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<tr>
<td>4. Two from the following (6 cr.):</td>
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<tr>
<td>ENG 326  Modern Short Story (3 cr.)</td>
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<tr>
<td>ENG 389  Major Writers and Their Craft (3 cr.)</td>
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<tr>
<td>ENG 443  Seminar in Contem. Literature (3 cr.)</td>
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<tr>
<td>5. One of the following (3 cr.):</td>
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<tr>
<td>ENG 250  History of Western World Literature I (3 cr.)</td>
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<tr>
<td>ENG 251  History of Western World Literature II (3 cr.)</td>
<td></td>
</tr>
<tr>
<td>ENG 295  Ancient Myth and Modern Mythmaking (3 cr.)</td>
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<tr>
<td>6. ENG 364  Shakespeare (3 cr.)</td>
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</tr>
</tbody>
</table>

B. Writing Requirements (15 cr.):

1. One course from the following (3 cr.):
   ENG 201  Creative Writing (3 cr.)
   ENG 203  Intro. to Writing Poetry (3 cr.)
   ENG 209  Intro. to Writing Fiction (3 cr.)

2. Four courses from the following (12 cr.):
   At least one course must be an AWR course, and no more than three credits can be JOU courses.
   ENG 301  Expository Writing (AWR) (3 cr.)
   ENG 302  Writing Poetry (AWR) (3 cr.)
   ENG 304  Technical & Professional Writing (3 cr.)
   ENG 305  Composition Skills for Teachers (3 cr.)
   ENG 306  Topics in Writing (3 cr.)
   ENG 318  Playwriting (AWR) (3 cr.)
   ENG 333  Writing Creative Nonfiction (AWR) (3 cr.)
   ENG 406  Advanced Poetry Writing (3 cr.)
   ENG 407  Advanced Fiction Writing (3 cr.)
   JOU 307  Opinion and Review (3 cr.)
   JOU 309  Magazine Article Writing (AWR) (3 cr.)
   JOU 320  Literary Journalism (3 cr.)
C. Practicum (3 cr.)
   Three credits from the following:
   ENG 398  Internship: Saranac Review (3 cr.)
   ENG 408  Literary Magazine Workshop (3 cr.)
   JOU 403  Magazine Practicum (1-2 cr.)
   (may be taken more than once)

D. Literature Requirements (6 cr.):
   Any upper-level (300/400) literature courses; may include
   three credits in foreign language literature course(s).

TOTAL CREDITS minimum 120
   (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in English (ENG) and
   journalism (JOU) courses.

ENGLISH: LITERATURE MAJOR
Bachelor of Arts or Bachelor of Science
Curriculum 0239 Requirements

CREDITS
MAJOR REQUIREMENTS  39

A. Departmental Requirements (15 cr.):
   1. ENG 195  Fundamentals of Literary Study I: The Literary Object (3 cr.)
      (Transfer students and students changing their major to English Literature may satisfy this requirement with any lower-level literature course.)
   2. ENG 196  Fundamentals of Literary Study II: Trends and Movements (3 cr.)
   3. ENG 250  History Western World Literature I (3 cr.) or
      ENG 295  Ancient Myth and Modern Mythmaking (3 cr.)
   4. ENG 340  Literary Criticism (AWR) (3 cr.)
   5. ENG 364  Shakespeare (3 cr.)

B. Literature Requirements (24 cr.):
   1. Upper-level (300/400) Literature Electives (18 cr.):
      a. Pre-1861 American literature, pre-1789 British literature, or pre-1500 world literature (9 cr.)
      b. Post-1861 American literature, post-1789 British literature or post-1500 world literature (9 cr.)
      At least six of the 18 credits must be taken in American literature and at least six in British literature.
   2. English electives in literature, writing, or journalism (6 cr.)

TOTAL CREDITS minimum 120
   (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in English (ENG) and journalism (JOU) courses.
EXPEDITIONARY STUDIES DEPARTMENT

Associate Professor: L. Soroka (chairperson)
Instructors: C. Henley, S. Maynard

Expeditionary studies provides adventure and outdoor education opportunities for all students at SUNY Plattsburgh. Students interested in pursuing advanced thinking and skills in outdoor activities can take the expeditionary studies major or minor or take selected courses in expeditionary studies to complement study in other majors. For those interested in outdoor recreation as lifelong activities, one- and two-credit courses in rock and ice climbing, sea kayaking, and backcountry skiing are available.

Expeditionary studies offers a rigorous adventure education curriculum combining outdoor skills with academic materials. The major prepares students to become outdoor leaders through an integrated program of academic reflection and advanced outdoor training. The course of study recognizes the dynamics of working in an outdoor setting and that outdoor leaders and educators must learn to manage challenging situations, both human and environmental, in that dynamic setting. The expeditionary studies curriculum offers a firm grounding in the liberal arts, in such courses as "The History and Culture of the Expedition," "Outdoor Ethics," and "Environmental Justice," as the foundation for the integration of skill and knowledge. In addition to this foundation, the major requires a specialization leading to advanced training in either climbing, sea kayaking, or backcountry skiing; a supplemental concentration building on both the liberal arts and advanced skill development; and a two-semester senior capstone requirement culminating in the "Senior Expedition."

Through study and experience, students completing the degree in expeditionary studies will be prepared to work in one of the largest growing segments of the service industries: outdoor recreation. Students will be qualified for jobs in such fields as outdoor education, state and national park service, camp administration, adventure-based counseling, eco-tourism, and professional guiding.

EXPEDITIONARY STUDIES MAJOR
Bachelor of Science
Curriculum 0142 Requirements

<table>
<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>A. Departmental Requirements (25 cr.)</td>
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<tr>
<td>1. Core Foundations (10 cr.)</td>
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<tr>
<td>EXP 101 The History and Culture of the Expedition (3 cr.)</td>
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<tr>
<td>EXP 121 Outdoor Living Skills (3 cr.)</td>
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<tr>
<td>EXP 172 Planning Adventure Journeys (1 cr.)</td>
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<tr>
<td>EXP 221 Outdoor Living Skills II (3 cr.)</td>
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<tr>
<td>2. History and Culture Foundations select three courses (9 cr.)</td>
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<tr>
<td>EXP 370 Outdoor Sport and Culture (3 cr.)</td>
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<td>GEG 332 Environmental Justice (3 cr.)</td>
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<tr>
<td>HIS 330 The Natural History of Exploration (3 cr.)</td>
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<td>PHI 350 Environmental Ethics (3 cr.)</td>
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<tr>
<td>PHI 360 Topics: Outdoor Ethics (3 cr.)</td>
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<tr>
<td>SOC 367 Sociology of the Environment (3 cr.)</td>
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<tr>
<td>3. Capstones (6 cr.)</td>
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<tr>
<td>EXP 435 Expedition Theory and Planning (AWR) (3 cr.)</td>
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<td>EXP 436 Senior Expedition (3 cr.)</td>
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<tr>
<td>B. Disciplinary Specialization (complete one specialization: climbing, paddlesports, or skiing) (14-18 cr.)</td>
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<tr>
<td>1. Climbing (16 cr.)</td>
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<tr>
<td>EXP 180 Intro. to Rock Climbing (2 cr.)</td>
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<tr>
<td>EXP 183 Intro. to Ice Climbing (2 cr.)</td>
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<tr>
<td>EXP 380 The Rock Climbing Process (3 cr.)</td>
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<tr>
<td>EXP 381 The Rock Climbing Process II (3 cr.)</td>
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<tr>
<td>or EXP 384 The Ice Climbing Process (3 cr.)</td>
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<td>EXP 480 Rock Climbing Leadership (3 cr.)</td>
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<tr>
<td>EXP 481 Rock Climbing Leadership II (3 cr.)</td>
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<tr>
<td>or EXP 484 Ice Climbing Leadership II (3 cr.)</td>
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<td>2. Free-heel Skiing (14 cr.)</td>
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<tr>
<td>EXP 186 Free-heel Skiing (2 cr.)</td>
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<tr>
<td>EXP 386 The Backcountry Day Touring Process (3 cr.)</td>
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<tr>
<td>EXP 387 The Backcountry Multi-day Touring Process (3 cr.)</td>
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<tr>
<td>EXP 388 The Ski Mountaineering Process (3 cr.)</td>
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<tr>
<td>EXP 487 Backcountry Skiing Leadership (3 cr.)</td>
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<td>3. Paddlesports (18 cr.)</td>
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<tr>
<td>EXP 122 Introduction to Paddlesports (2 cr.)</td>
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<tr>
<td>EXP 170 Movement and Balance in Kayaking (1 cr.)</td>
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<tr>
<td>EXP 252 Introduction to the Principles of Paddlesport Touring (2 cr.)</td>
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<tr>
<td>EXP 272 Planning Sea Kayak Journeys (1 cr.)</td>
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<td>EXP 375 Kayak Touring (3 cr.)</td>
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<tr>
<td>EXP 376 Sea Kayaking: Intro. to the Ocean Environment (3 cr.)</td>
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<tr>
<td>EXP 475 Kayak Leadership (3 cr.)</td>
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<tr>
<td>EXP 476 Kayak Leadership II (3 cr.)</td>
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<tr>
<td>C. Supplemental Concentration (14-16 cr. selected from 1-11 below).</td>
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</tbody>
</table>

Selections from options 1-3 must differ from the specialization selected in "B. Disciplinary Specialization" and also require completion of all 8-12 credit hours to satisfy the total credit hour requirement of the "Supplemental Concentration."

1. Climbing (10 cr.)
| EXP 180 Intro. to Rock Climbing I (2 cr.) |         |
| EXP 183 Intro. to Ice Climbing (2 cr.) |         |
| EXP 380 The Rock Climbing Process (3 cr.) |         |
The majors and minors in foreign languages offer a well-rounded and balanced liberal arts education. Cultural studies focusing on the intellectual, geographic, political, economic, and social structures of the countries in which each language is spoken, and courses geared to developing the ability to analyze, comprehend, and discuss literary themes and art forms, complement the department’s fundamental objectives to expand the student’s oral and written language proficiency and cultural sensibilities to the broadest extent possible.

The department’s degree programs begin with a four-semester (12 credit) introductory language sequence (some or all of which qualified students can satisfy through prior credit or by examination), followed by 30 credits of 300-level and 400-level courses devoted primarily to three areas of study: the advancement of linguistic skills through courses in conversation, composition, and grammar; the methodologies of analyzing, interpreting, and understanding literature; and the civilizations, cultures, and literary history generated within the countries where the respective languages are spoken.

Generally, the 400-level courses are designed to deepen and broaden the knowledge and skills acquired in the lower level courses; they are intended to provide the capstone experiences for majors, and to help them make the transition to graduate-level study and to professional careers.

By design, philosophy, and faculty preparation, the department’s offerings are richly interdisciplinary and purposely multinational. French majors, for example, study not only France but also the literature and culture of French-speaking Canada and the Francophone cultures of Africa and the Caribbean. Students of Spanish study Latin American and Caribbean cultures along with those of the Iberian Peninsula. Students minoring in German study the German-speaking cultures of Austria and Switzerland as well as Germany.

Travel and study-away — especially through SUNY programs — are strongly encouraged, and as much as half the student’s major or minor program can be accomplished abroad.

Many of the department’s students take advantage of the college’s broad range of study opportunities by accomplishing double majors or minors in such fields as Canadian studies, Latin American studies, international Business, Communication, and other similarly interrelated fields.

In addition to courses in French, German, and Spanish, the department regularly offers courses in descriptive and theoretical linguistics and, periodically, courses in Arabic, Italian, Latin, Portuguese, and Russian — depending on faculty resources and student demand.

It occasionally offers graduate-level courses (open to qualified seniors) in French and in Spanish as well.

Faculty members in the department support and frequently participate instructionally in the college’s honors, women’s studies, and anthropology programs and direct the interdisciplinary minor in human language and linguistics.

For further information concerning the major, minor, and advanced placement programs, please contact the departmental office in Champlain Valley Hall (518-
FRENCH MAJOR
Bachelor of Arts or Bachelor of Science
Curriculum 0704 Requirements

MAJOR REQUIREMENTS 42

A. Departmental Requirement: (30 cr.)
   1. Language and Culture Courses: (6 cr.)
      FRE 213  Intermediate French I (3 cr.)
      FRE 214  Intermediate French II (3 cr.)
   2. Advanced Language and Culture Course
      choose one course: (3 cr.)
      FRE 316  Conversation avancée (3 cr.)
      FRE 322  Lecture et interprétation (3 cr.)
   3. Language and Culture Courses: (9 cr.)
      Complete 9 credits from among the courses listed
      below. Some of these courses may be repeated
      for credit with different content.
      FRE 333  La France: Thèmes Variés (3 cr.)
      FRE 334  La Francophonie: Thèmes Variés (3 cr.)
      FRE 335  Le Québec (3 cr.)
   4. Advanced Literature and Culture Courses: (6 cr.)
      FRE 441  Etudes françaises (3 cr.)
      FRE 448  Etudes francophones (3 cr.)
      FRE 470  French/ Francophone Interdisciplinary
               Studies (3 cr.)
   5. FRE 319 Composition et grammaire avancées
               (AWR) (3 cr.)
   6. Related Studies (taught in English): (3 cr.)
      FLL 192  World Literature in Translation (3 cr.)
      FLL 340  European Films (3 cr.)
      FRE 341  French Literature (in English) (3 cr.)
      FRE 348  French Civilization (in English) (3 cr.)
      FRE 496  French Foreign Language
               Methodology (3 cr.)
      LIN 221  Introduction to General Linguistics (3 cr.)

B. Cognate Requirement: (12 cr.) 300/400-level courses
   in related areas, chosen by advisement.

TOTAL CREDITS minimum 120
   (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum grade of C in all French (FRE) courses.
2. Students are encouraged to spend time abroad.
   (See your academic advisor regarding study-away programs.)

SPANISH MAJOR
Bachelor of Arts or Bachelor of Science
Curriculum 0705 Requirements

MAJOR REQUIREMENTS 42

A. Departmental Requirements: (30 cr.)
   (Recommendation: Students are encouraged to spend
   time abroad. See your academic advisor regarding
   study-away programs.)
   1. Language and Culture Courses: (6 cr.)
      a. SPA 213  Intermediate Spanish I (3 cr.)
      b. SPA 214  Intermediate Spanish II (3 cr.)
   2. Advanced Language and Culture Courses: (6 cr.)
      a. SPA 314  Conversación (3 cr.)
      b. SPA 315  Composición (AWR) (3 cr.)
   3. Literature and Culture Courses: (6 cr.)
      a. SPA 385  Introduccion a Hispanoamérica I
               (3 cr.)
      b. SPA 386  Introduccion a Hispanoamérica II
               (3 cr.)
   4. Advanced Literature and Culture Courses: (9 cr.)
      Complete nine credits from among the courses
      listed below. These courses may be repeated
      for credit with different content.
      a. SPA 440  Tópicos en estudios
               hispanoamericanos (3 cr.)
      b. SPA 450  Tópicos en estudios peninsulares
               (3 cr.)
      c. SPA 470  Topics in Hispanic Interdisciplinary
               Studies (3 cr.)
   5. Related Studies (taught in English), select one
      course: (3 cr.)
      ENG 271  Latina/o Literature in the U.S. (3 cr.)
      FLL 192  World Literature in Translation (3 cr.)
      FLL 245  Latin American Culture through Film
               (3 cr.)
      FLL 340  European Films (3 cr.)
      INT 301  Political Economy of Sustainable
               Development (3 cr.)
      LIN 221  Into to General Linguistics (3 cr.)
      SPA 220  Latin American and Spanish
               Literature (in English) (3 cr.)
      SPA 496  Spanish Foreign Language
               Methodology (3 cr.)

B. Cognate Requirement: (12 cr.)
   Area Concentration: (12 cr.)

TOTAL CREDITS minimum 120
   (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum grade of C in all Spanish (SPA) courses.
SPANISH MAJOR
Bachelor of Arts or Bachelor of Science
(Study Option in Latin American Studies)
Curriculum 0796 Requirements

MAJOR REQUIREMENTS 51

A. Departmental Requirements: (30 cr.)
(Recommendation: Students are encouraged to spend
at least one semester in a Spanish-speaking country.
See your advisor regarding Study Away programs.)

1. Language and Culture Courses: (6 cr.)
   a. SPA 213  Intermediate Spanish I (3 cr.)
   b. SPA 214  Intermediate Spanish II (3 cr.)

2. Advanced Language and Culture Courses: (6 cr.)
   a. SPA 314  Conversación (3 cr.)
   b. SPA 315  Composición (AWR) (3 cr.)

3. Literature and Culture Courses: (6 cr.)
   a. SPA 385  Introduccion a Hispanoamérica (3 cr.)
   b. SPA 386  Introduccion a Hispanoamérica II
               (3 cr.)

4. Advanced Literature and Culture Courses: (9 cr.)
   Complete nine credits from among the courses
   listed below. These courses may be repeated for
   credit with different content.
   a. SPA 440  Tópicos en estudios
               hispanoamericanos (3cr.)
   b. SPA 450  Tópicos en estudios peninsulares
               (3cr.)
   c. SPA 470  Topics in Hispanic Interdisciplinary
               Studies (3 cr.)

5. Related Studies (taught in English),
   select one course: (3 cr.)
   ENG 271  Latina/o Literature in the U.S. (3 cr.)
   FLL 192  World Literature in Translation (3 cr.)
   FLL 245  Latin Am. Culture through Film (3 cr.)
   FLL 340  European Films (3 cr.)
   INT 301  Political Economy of Sustainable
            Development (3 cr.)
   LIN 221  Into to General Linguistics (3 cr.)
   SPA 220  Latin American and Spanish
            Literature (in English) (3 cr.)

B. Cognate Requirements: (21 cr.)
   LAS Minor (excluding language and literature
courses):
   1. LAS 111  Introduction to Latin America (3 cr.)
   2. LAS content courses in four disciplines: history,
      geography, economics/business, environmental
      science, political science or anthropology, or
      others as added (15 cr.)
   3. LAS 344  Seminar (AWR) (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum grade of C in all Spanish (SPA) courses.

HISTORY DEPARTMENT
SUNY Distinguished Service Professor: S. Voss
Professors: V. Carey, J. Lindgren, J. Rice
Associate Professors: S. Beaudreau,
   W. Gordon (chairperson), J. Hornibrook, G. Kroll
Assistant Professors: J. Neuhaus, R. Schaefer, C. Shemo
Lecturer: G. Geddes
Adjunct Faculty: One position

Students of history consider human achievements
and problems within an historical perspective and
acquire an awareness of the relationship between
the past and the present. The department offers two
tracks: a traditional liberal arts curriculum (0710) and
a study option in teaching preparation that includes
all the coursework a student would need to apply to a
graduate teacher education program for teaching social
studies adolescence education (0194). The department
also offers, in conjunction with the Teacher Education
Unit, a combined B.A./M.S.T History/Adolescence
Education program that leads to New York state
teacher certification in Social Studies (7-12). (For more
information, see the Combined Programs section of this
catalog.)

Within the framework of the traditional curriculum
(0710), freshmen and sophomores study the theory
and practice of history and different regional historical
experiences. All majors complete a junior seminar and
senior experience that provide opportunities to examine
historical interpretations in a critical light, conduct
original historical research, and/or design and complete
an applied project. As such, this liberal arts foundation
prepares students for a variety of careers, including
law, journalism, government, service, business, and
employment in archives and historical societies, as well
as other occupations that require strong writing and
analytical skills. This curriculum is also excellent
preparation for graduate or advanced study in many of
these areas.

For the history study option in teaching preparation
(0194), students are introduced to a variety of disciplines
associated with the study of history, such as geography,
government, and anthropology, as well as an array of
history courses through which they can craft a teaching
specialty in American, European, or global studies. In
addition to studying the theory and practice of history,
prospective teachers complete junior and senior
seminars devoted to social studies teaching methods.

HISTORY MAJOR
Bachelor of Arts or Bachelor of Science
Curriculum 0710 Requirements

MAJOR REQUIREMENTS 48-51

A. Departmental Requirements: (36-39 cr.)
   1. Introductory Courses at the 100 level: (12 cr.)
      a. Select one course (3 cr.):
      HIS 101  U.S. Civilization to 1877 (3 cr.)
      HIS 102  U.S. Civilization Since 1877 (3 cr.)
b. Select one course (3 cr.):
   HIS 121  European Civilization to 1815
   HIS 122  European Civilization Since 1815:
   (3 cr.)

   c. Two introductory survey courses (each in different regions) from: Asia, Canada, Latin America, Mid-East/North Africa, Russia, Sub-Saharan Africa, or Global (6 cr.)

2. Core Courses: (9-12 cr.)
   a. HIS 285  Historical Practices (3 cr.)
   b. HIS 385  Advanced Historical Practices (AWR)
   (3 cr.)
   c. Select one course:
      HIS 485  Topic: Senior Project (3 cr.)
      HIS 490  Honors Project (6 cr.)

3. Advanced history courses at the 300/400 level (15 cr.) A maximum of three credits of HIS 498 allowed unless approved by department chair.

B. Cognate Requirements: (12 cr.)
   1. Select one of the following:
      a. A college-approved major or minor
      b. Study Abroad – 12 credits
      c. Foreign Language – 12 credits
      d. Six hours upper-level history credits, plus six additional credits, by advisement
      e. Area Studies/Theme: 12 credits by advisement

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. All courses satisfying requirements for the major must be completed at a grade of C (2.0) or better.
2. At least 12 credits of the Cognate Requirements must be courses that are not taken to satisfy the Departmental Requirements.

HISTORY MAJOR
Bachelor of Arts
(Study Option in Teaching Preparation)
Curriculum 0194 Requirements

<table>
<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>A. Departmental Requirements: (42 cr.)</td>
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<tr>
<td>1. Survey courses at 100 level: (18 cr.)</td>
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<tr>
<td>a. HIS 101  U.S. Civilization to 1877 (3 cr.)</td>
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<tr>
<td>b. HIS 102  U.S. Civilization Since 1877 (3 cr.)</td>
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<tr>
<td>c. HIS 132  Modern Global History Since 1500</td>
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<tr>
<td>(3 cr.)</td>
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<tr>
<td>d. HIS 121  European Civilization to 1815 (3 cr.)</td>
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<tr>
<td>or HIS 122  European Civilization Since 1815 (3 cr.)</td>
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<tr>
<td>e. Two of the following (in different regions):</td>
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<tr>
<td>HIS 161  Colonial Latin America (3 cr.)</td>
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<tr>
<td>HIS 162  Middle and Modern Latin America</td>
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<tr>
<td>(3 cr.)</td>
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<tr>
<td>HIS 171  Canada to the 1860s (3 cr.)</td>
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<td>HIS 172  Canada Since the 1860s (3 cr.)</td>
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<td>HIS 173  French in North America (3 cr.)</td>
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<tr>
<td>HIS 181  East Asian Civilization (3 cr.)</td>
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<td>HIS 188  Chinese Civilization (3 cr.)</td>
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</tbody>
</table>

2. Historical and Pedagogical Methods and Skills Courses: (12 cr.)
   HIS 285  Historical Practices (3 cr.)
   HIS 385  Advanced Historical Practices (AWR)
   (3 cr.)
   HIS 396  Teaching Social Studies Methods
   (3 cr.)
   HIS 486  Senior Seminar in Social Studies
   Pedagogy (3 cr.)

3. Advanced History Courses (12 cr.)
   Four upper-division 300/400 HIS courses

B. Cognate Requirements: (36-42 cr.)
   1. Social Studies Courses (18 cr.)
      a. GEG 121  Human Geography (3 cr.)
      b. PSC 100  U.S. National Politics (3 cr.)
      c. Geography (3 cr.)
      Select one of the following:
      GEG 123  World Geography: The Developed World (3 cr.)
      GEG 124  World Geography: The Developing World (3 cr.)
      GEG 310  Geography of the U.S. in Global Perspective (3 cr.)
      GEG 319  Geography of New York State (3 cr.)
      d. Social Sciences (9 cr.)
      Select three of the following:
      ANT 102  Comparative Cultures (3 cr.)
      ECO 101  Principles of Economics (3 cr.)
      PSY 101  Introduction to Psychology (3 cr.)
      SOC 101  Introduction to Sociology (3 cr.)

2. A minor in any social studies field (18-24 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. All courses satisfying requirements for the major, including those transferred to the college, must be completed at a grade of C+ (2.3) or better. Progress in the degree program requires an overall GPA of 2.5.
HUMAN DEVELOPMENT AND FAMILY RELATIONS DEPARTMENT

Professor: M. Frost (chairperson)
Instructor: O. Belser
Lecturer: J. Oertel
Adjunct Faculty: Two positions

Human Development and Family Relations: Prepares students for careers in public and private human service agencies. Emphasis is on learning to help individuals and families solve problems related to child development, family relations, aging, nutritional planning for individuals and families, and family financial management. One semester of full-time, supervised field work required in a human service agency. Students are prepared for graduate study in a related field.

Child Care Management Study Option in Human Development and Family Relations: Prepares students for careers related to the management of child care facilities. Examples of courses include infant and toddler program planning, preschool curriculum development, child development, administering child care facilities, and one semester of full-time, supervised field work in a child care facility. Students are prepared for graduate study in a related field.

Adolescence Study Option in Human Development and Family Relations: Prepares students for careers related to adolescents and young adults in public and private human service agencies. Examples of courses include adolescence and society; introductory and applied counseling techniques; psychology of adolescence, youth, and early adulthood; and juvenile delinquency: cross cultural perspectives. One semester of full-time supervised field work in a human service agency. Students are prepared for graduate study in a related field.

Adult Development and Aging Study Option in Human Development and Family Relations: Prepares students for careers related to senior citizens and the elderly in public and private human service agencies. Examples of courses include adult development and aging; introductory and applied counseling techniques; psychology of adult development and aging; sociology of aging and death; and nutrition and the elderly. One semester of full-time, supervised field work required in a human service agency. Students are prepared for graduate study in a related field.

Academic Policies of the Human Development and Family Relations Program:

a. Students are expected to make satisfactory academic progress toward degree requirements to remain in good academic standing. Students who do not maintain a minimum cumulative and major average of 2.3 will be reviewed by the Academic Progress Committee and the HDFR chairperson to determine their eligibility to continue in the Human Development and Family Relations Program.

b. The human development and family relations faculty are in full cooperation with federal and state guidelines for the accommodation of students with learning and or physical disabilities. Students applying for accommodation for learning/physical disabilities must furnish proof of their disabling condition by submitting certification from a licensed psychometrist and/or physician. Learning disabled students who do not have such certification may be tested through the services of Vocational and Educational Services for Individuals with Disabilities (VESID), with permission from the student for the Student Support Services (SSS) and the human development and family relations faculty to be apprised of the student’s specific disability and the tester’s recommendations for accommodation strategies. Such testing can be arranged for by SSS, which is located at the Angell College Center. Additionally, students with learning disabilities are strenuously encouraged to utilize the services of the college’s Learning Center, as well as the services of SSS, for the duration of their stay at the college.

c. Students must receive a 2.5 grade or higher for the field work program in order to graduate. Failure to do this will result in the need to repeat the field work experience, or, with the advisor’s participation, to change majors.

d. No academic credit for life experience or previous work experience will be granted under any circumstances.

e. Transfer credit for human services courses taken at another accredited college program will be granted, as deemed appropriate, to prevent duplication of academic credit on the Plattsburgh transcript.

f. Transfer credit for previous field work experiences will not be granted, except as elective credit, and not to exceed the maximum allowable limit of transfer credit. Fieldwork Site Selection: Clinton, Essex, and Franklin Counties have a wide variety of community agencies and child care centers, thus providing fieldwork seekers with ample possibilities from which to choose a site. Fieldwork students may not leave New York state, nor the three North Country counties for purposes of establishing a fieldwork site, in order to facilitate timely visits by the college’s human development and family relations internship supervisor.

g. Practicum and internship candidates are expected to follow the external and professional practicum guidelines appropriate to their discipline (refer to specific department/program student/internship manual for details).
HUMAN DEVELOPMENT AND
FAMILY RELATIONS MAJOR
Bachelor of Science
Curriculum 0416 Requirements

MAJOR REQUIREMENTS  CREDITS  64

A. Departmental Requirements: (52 cr.)
1. HDF 211  Child Development (3 cr.)
2. HDF 311  Family Contemporary Society (3 cr.)
3. HDF 332  Socialization of Children in the Community (3 cr.)
4. HDF 420  Adult Development & Aging (4 cr.)
5. HDF 421  Adolescence & Society (3 cr.)
6. CEM 151  Personal Resource Mgmt. (3 cr.)
7. CEM 361  Personal & Family Finance (3 cr.)
8. CLG 402  Intro. to Counseling Techniques (3 cr.)
9. CLG 403  Applied Counseling Techniques (3 cr.)
10. FNI 191  Nutrition and Well Being (3 cr.)
11. HDF or CEM Prefixed Course (3 cr.)
12. HDF 261  Introduction to Human Services (AWR) (3 cr.)
13. HDF 403  Fieldwork/Human Development and Family Relations (12 cr.)
14. HDF 404  Seminar/Human Development and Family Relations (3 cr.)

B. Cognate Requirements: (12 cr.)
1. CMM 101  Introduction to Public Speaking (3 cr.)
2. HED 487  Child Abuse and Neglect (3 cr.)
3. SOC 101  Introduction to Sociology (3 cr.)
4. PSY 101  General Psychology (3 cr.)

TOTAL CREDITS  minimum 120
(including General Education Requirements)

ACADEMIC PROGRESS STANDARDS
1. Before a student can enroll in any additional major courses, a grade of C+ or better is required in each of the following courses: HDF211, HDF311, FNI191, CLG402, and HDF 261.
2. All major requirements must be completed prior to internship semester. Exceptions made only in cases of extreme, documented, and extenuating circumstances.
3. Minimum major and cumulative GPA of 2.3 required. Students who fall below will be reviewed by faculty and department chairperson to determine their eligibility to continue to enroll in any other major courses.

ADDITIONAL DEGREE REQUIREMENTS
1. General Education courses must be approved as liberal arts.
2. 2.3 GPA required (of majors and non-majors) to register for HDF and CEM prefixed courses.
3. Student may repeat a course only once in order to raise a grade.
4. Students must receive a 2.5 grade or higher for the field work program in order to graduate.

5. A minimum grade of C or better is required in each course listed under Departmental Requirements.

HUMAN DEVELOPMENT AND
FAMILY RELATIONS MAJOR
Bachelor of Science
(Study Option in Child Care Management)
Curriculum 0417 Requirements

MAJOR REQUIREMENTS  CREDITS  65

A. Departmental Requirements: (53 cr.)
1. HDF 211  Child Development (3 cr.)
2. HDF 301  Planning Programs for Infants and Toddlers (4 cr.)
3. HDF 311  Family in Contemporary Society (3 cr.)
4. HDF 334  Theoretical Foundations of Child Care (3 cr.)
5. HDF 381  Perspectives on Parenting (3 cr.)
6. HDF 385  Curriculum Development for Preschools (4 cr.)
7. HDF 401  Administering Child Care Facility (3 cr.)
8. HDF 411  Applied Child Care Administration (3 cr.)
9. CLG 402  Intro. to Counseling Techniques (3 cr.)
10. FNI 191  Nutrition and Well Being (3 cr.)
11. HDF or CEM prefixed course (3 cr.)
12. HDF 261  Introduction to Human Services (AWR) (3 cr.)
13. HDF 405  Fieldwork in Child Care Mgmt. (12 cr.)
14. HDF 406  Seminar/Child Care Mgmt (AWR) (3 cr.)

B. Cognate Requirements: (12 cr.)
1. CMM 101  Introduction to Public Speaking (3 cr.)
2. HED 487  Child Abuse and Neglect (3 cr.)
3. SOC 101  Introduction to Sociology (3 cr.)
4. PSY 101  General Psychology (3 cr.)

TOTAL CREDITS  minimum 120
(including General Education Requirements)

ACADEMIC PROGRESS STANDARDS
1. Before a student can enroll in any additional major courses, a grade of C+ or better is required in each of the following courses: HDF211, HDF311, FNI191, CLG402, and HDF 261.
2. All major requirements must be completed prior to internship semester. Exceptions made only in cases of extreme, documented, and extenuating circumstances.
3. Minimum major and cumulative GPA of 2.3 required. Students who fall below will be reviewed by faculty and department chairperson to determine their eligibility to continue to enroll in any other major courses.

ADDITIONAL DEGREE REQUIREMENTS
1. General Education courses must be approved as liberal arts.
2. 2.3 GPA required (of majors and non-majors) to register for HDF and CEM prefixed courses.
3. Student may repeat a course only once in order to raise a grade.
4. Students must receive a 2.5 grade or higher for the field work program in order to graduate.
5. A minimum grade of C or better is required in each course listed under Departmental Requirements.

HUMAN DEVELOPMENT AND FAMILY RELATIONS MAJOR
Bachelor of Science
(Study Option in Adult Development and Aging)
Curriculum 0418 Requirements

CREDITS
MAJOR REQUIREMENTS  64
A. Departmental Requirements: (46 cr.)
1. HDF 211  Child Development (3 cr.)
2. HDF 311  Family in Contemporary Society (3 cr.)
3. HDF 420  Adult Development and Aging (4 cr.)
4. CEM 361  Personal and Family Finance (3 cr.)
5. FNI 191  Nutrition and Well Being (3 cr.)
6. Select one course; (3 cr.)
   FNI 292  Nutrition and the Elderly (3 cr.) or
   FNI 241  Nutrition in the Life Cycle (3 cr.)
7. CLG 402  Intro. to Counseling Techniques (3 cr.)
8. CLG 403  Applied Counseling Techniques (3 cr.)
9. HDF 261  Introduction to Human Services (AWR) (3 cr.)
10. One of the following; (3 cr.)
    PSC 240  State and Local Government (3 cr.) or
    PSC 380  Public Policy & Administration (3 cr.)
11. HDF 407  Field Work in Adult Development and Aging (12 cr.)
12. HDF 408  Seminar in Adult Development and Aging (3 cr.)
B. Cognate Requirements: (18 cr.)
1. CMM 101  Introduction to Public Speaking (3 cr.)
2. SOC 309  Sociology of Aging & Death (3 cr.)
3. PSY 101  General Psychology (3 cr.)
4. PSY 311  Survey of Human Development (3 cr.)
5. PSY 416  Psychology of Adult Development & Aging (3 cr.)
6. SOC 101  Introduction to Sociology (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ACADEMIC PROGRESS STANDARDS
1. Before a student can enroll in any additional major courses, a grade of C+ or better is required in each of the following courses: HDF211, HDF311, FNI191, CLG402, and HDF 261.
2. All major requirements must be completed prior to internship semester. Exceptions made only in cases of extreme, documented, and extenuating circumstances.
3. Minimum major and cumulative GPA of 2.3 required. Students who fall below will be reviewed by faculty and department chairperson to determine their eligibility to continue to enroll in any other major courses.

ADDITIONAL DEGREE REQUIREMENTS:
1. General Education courses must be approved as liberal arts.
2. 2.3 GPA required of majors and non-majors to register for HDF and CEM prefixed courses.
3. Student may repeat a course only once in order to raise a grade.
4. Students must receive a 2.5 grade or higher for the field work program in order to graduate.
5. Minimum grade of C or better is required in each course listed under Departmental Requirements.

HUMAN DEVELOPMENT AND FAMILY RELATIONS MAJOR
Bachelor of Science
(Study Option in Adolescence)
Curriculum 0419 Requirements

CREDITS
MAJOR REQUIREMENTS  63
A. Departmental Requirements: (39 cr.)
1. HDF 211  Child Development (3 cr.)
2. HDF 311  Family in Contemporary Society (3 cr.)
3. HDF 421  Adolescence & Society (3 cr.)
4. CEM 151  Personal Resource Management (3 cr.)
5. CLG 402  Introduction to Counseling (3 cr.)
6. CLG 403  Applied Counseling Techniques (3 cr.)
7. FNI 191  Nutrition and Well Being (3 cr.)
8. HDF 261  Introduction to Human Services (AWR) (3 cr.)
9. HDF 409  Field Work in Adolescence (12 cr.)
10. HDF 410  Seminar in Adolescence (3 cr.)
B. Cognate Requirements: (24 cr.)
1. CMM 101  Introduction to Public Speaking (3 cr.)
2. HED 310  Foundations of Personal Health (3 cr.)
3. HED 487  Child Abuse and Neglect (3 cr.)
4. PSY 415  Adolescence, Youth, and Early Adulthood (3 cr.)
5. Select one course (3 cr.)
   SOC 370  Juvenile Delinquency: Cross-Cultural Perspectives (3 cr.) or
   SOC 321  Sociology of Minorities (3 cr.)
6. Select one course (3 cr.):
   PSC 240  State and Local Government (3 cr.) or
   PSC 380  Public Policy and Administration (3 cr.)
7. PSY 101  General Psychology (3 cr.)
8. SOC 101  Introduction to Sociology (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ACADEMIC PROGRESS STANDARDS
1. Before a student can enroll in any additional major courses, a grade of C+ or better is required in each of the following courses: HDF211, HDF311, FNI191, CLG402, and HDF 261.
2. All major requirements must be completed prior to internship semester. Exceptions made only in cases of extreme, documented, and extenuating circumstances.

3. Minimum major and cumulative GPA of 2.3 required. Students who fall below will be reviewed by faculty and department chairperson to determine their eligibility to continue to enroll in any other major courses.

ADDITIONAL DEGREE REQUIREMENTS
1. General Education courses must be approved as liberal arts.
2. 2.3 GPA required (of majors and non-majors) to register for HDF and CEM prefixed courses.
3. Student may repeat a course only once in order to raise a grade.
4. Students must receive a 2.5 grade or higher for the field work program in order to graduate.
5. A minimum grade of C or better is required in each course listed under Departmental Requirements.

INDIVIDUALIZED STUDIES MAJOR
Bachelor of Arts or Bachelor of Science Curriculum 0360 or 0450 Requirements

MAJOR REQUIREMENTS

CREDITS

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<td>Minor/Concentration</td>
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<td>Minor/Focus Area</td>
<td>12-24 cr.</td>
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<td>Concentration/Cognates</td>
<td>0-18 cr.</td>
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<td>Approved AWR Course</td>
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<td>Capstone Experience</td>
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<td>INT 402 Integrative Writing</td>
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*Students are encouraged to complete an internship or other appropriate experience in their minor area.

“General Studies” will appear in the comments area on the student’s transcript.

TOTAL CREDITS minimum 120 (including General Education Requirements)

LATIN AMERICAN STUDIES PROGRAM

Associate Professor: E. Fitzpatrick (coordinator)
Adjunct Faculty: Two positions

This program offers a comprehensive, multidisciplinary view of the people, cultures and problems of a major world region. It also provides a study of the background — the “roots” — of the largest ethnic group in the
United States: the Hispanic/Latino Community. Learning about the people in the many countries of Latin America, and the Latino community in this country, combines the excitement of new intellectual perspectives with preparation for a life of personal involvement with Latinos through work or travel.

The major provides broad exposure to a variety of disciplines, as well as Spanish/Portuguese language familiarity, with interdisciplinary experiences at the beginning and end of the sequence to ensure integration and a comprehensive perspective. The major by itself offers an excellent background for a career oriented toward the Latino community in the United States or internationally toward Latin America. It is recommended that the comprehensive exposure the major provides be supplemented and complemented in the following ways: 1) a second, more specifically job-related major or minor; and 2) advanced study in either Latin American Studies, another graduate program, or professional training.

The minor includes the beginning and concluding interdisciplinary experiences of the major, but with fewer disciplinary requirements; language familiarity is encouraged, though not required. The minor can serve as an introduction to a second field of study, or can be closely coordinated with a number of majors such as business, political science, and education. An expanding number of graduate programs allows one to integrate Latin American Studies into a career field. Some programs have articulation arrangements so that one can pursue a master's degree in the chosen career and in Latin American Studies at the same time.

The Latin American Studies Program regularly participates in the Model Assembly of the Organization of American States in Washington, D.C. Each year a delegation of SUNY Plattsburgh students represents one country, competing with delegations from colleges and universities all over the United States and Canada. In past years, Plattsburgh has represented Paraguay, Chile, El Salvador, Bolivia, Uruguay, Barbados, Argentina, and the Dominican Republic. Majors and minors participate through the junior level course LAS 344 and seniors through LAS 444.

Faculty encourage students to spend a semester in a State University of New York international program such as the SUNY Plattsburgh programs in Mexico (Guadalajara, Monterrey, and Oaxaca) and the Middlebury College (Vermont) program in Chile. As many as 12 credits toward the major or minor can be met by study in Latin America. The Latin American Studies Program also supports several short-term study opportunities in Mexico and Central America.

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### LATIN AMERICAN STUDIES MAJOR

**Bachelor of Arts**

**Curriculum 0739 Requirements**

#### MAJOR REQUIREMENTS

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**A. Program Requirements: (30-31 cr.)**

1. LAS 111  Introduction to Latin America (3 cr.)

2. **Latin American Content Courses (12-13 cr.):**
   - One course from four different categories. Study Abroad courses are counted toward the Latin American Content Course Requirement where applicable.
   - a. **Anthropology Elective, select one course: (3 cr.)**
      - ANT 322  The Incas and Andean Civilization (3 cr.)
      - ANT 323  Peoples and Cultures of Latin America (3 cr.)
   - b. **Geography Elective, select one course: (3 cr.)**
      - GEG 317  Geography of South America (3 cr.)
      - GEG 318  Geography Middle America (3 cr.)
   - c. **History Elective, select one course: (3 cr.)**
      - HIS 161  Colonial Latin American, 1492-1825 (3 cr.)
      - HIS 162  Middle & Modern Latin America (3 cr.)
      - HIS 360  The Caribbean (3 cr.)
      - HIS 361  Colonial Mexico (3 cr.)
      - HIS 362  Modern Mexico (3 cr.)
      - HIS 364  Mercosur-Regional Integration (3 cr.)
   - d. **Humanities Elective, select one course: (3 cr.)**
      - ENG 271  Latina/o Literature in the U.S. (3 cr.)
      - FLL 245  Latin American Culture Through Film (3 cr.)
      - MUS 116  Latin American and Caribbean Music (3 cr.)
      - SPA 385  Introduccion a Hispanoamérica I: Epoca pre-colonial-Siglo XIX (3 cr.)
      - SPA 386  Introduccion a Hispanoamérica II: Epoca Contemporanea (3 cr.)
      - SPA 440  Tópicos en estudios hispanoamericanos (3 cr.)
   - f. **Political Science Elective, select one course: (3 cr.)**
      - INT 301  Political Economy of Sustainable Development (3 cr.)
      - PSC 321  Latin American Politics (3 cr.)
      - PSC 456  Seminar on the Politics of Economic Development (3 cr.)
   - f. **Sociology Elective, select one course: (3 cr.)**
      - SOC 303  Sociology of Development in the Americas (3 cr.)
      - SOC 304  Sustainable Communities and Cultural Studies in Southern Mexico (3 cr.)
      - SOC 325  Sociology of Urban Life in North America (3 cr.)
      - SOC 334  Ethnography in Southern Mexico (3 cr.)

3. **Advanced Interdisciplinary Study: (3 cr.)**

   LAS 344  Seminar (AWR) (3 cr.)
4. Language: (3 cr.)
   SPA 213  Intermediate Spanish I (3 cr.) or
   Higher level Spanish course

5. Select one of the following (Model OAS or Study Abroad) (9 cr.)
   a. Model OAS
      i.  LAS 459  Organization of American States
           (OAS) Field Study (3 cr.)
      ii. Select two of the following (6 cr.)
           LAS 459  OAS Field Study (2nd time) (3 cr.)
           LAS 444  Advanced Seminar (3 cr.)
   b. Study Abroad
      i.  Two Latin American content courses taken
         abroad (6 cr.)
      ii. Select one of the following (3 cr.)
           Additional Latin American content course
           taken abroad (3 cr.)
           LAS 444  Advanced Seminar (3 cr.)
           Additional Latin American content course
           from a discipline other than the four
           selected under requirement #2 (3 cr.)

B. Cognate Requirements: (18-39 cr.)
   Select one of the following options:
   1.  Second Major Field of Study (30-39 cr.)
   2.  Minor (18-24 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1.  A minimum overall GPA of 2.0 in courses taken
    under section A. of the major requirements above,
    and in all Latin American studies (LAS) courses.

MATHEMATICS DEPARTMENT

Professors:  G. Flynn, D. Kenoyer (chairperson),
S. Northshield
Associate Professors:  J. Bodenrader, R. Keever, Y. Liu,
M. Morrow, T. Powell, G. Quenell
Assistant Professors:  D. Blais, R. Reams
Lecturer:  J. Wampler
Adjunct Faculty:  Seven to eight positions

The Department of Mathematics offers two liberal
arts programs leading to the bachelor of arts and the
bachelor of science respectively. The B.S. program
includes additional course requirements, and a thesis,
not found in the B.A. These curricula serve a variety
of students, including those who plan to work in
mathematics after graduation, and those who plan to
go to graduate school. Students in these curricula are
encouraged to combine their study of mathematics with
a second major or a minor.

Opportunities for persons with liberal arts degrees in
mathematics exist in government and private industry,
MATHEMATICS MAJOR
Bachelor of Science
Curriculum 0727 Requirements

MAJOR REQUIREMENTS

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<td>54</td>
<td>A. Departmental Requirements: (51 cr.)</td>
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<tr>
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<td>1. MAT 202  Linear Algebra I (3 cr.)</td>
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<td>2. MAT 224  Calculus I (4 cr.)</td>
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<td>3. MAT 225  Calculus II (4 cr.)</td>
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<td>4. MAT 231  Sets, Functions, and Relations (3 cr.)</td>
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<td>5. MAT 301  Introduction to Abstract Algebra (3 cr.)</td>
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<td>6. MAT 302  Linear Algebra II (3 cr.)</td>
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<td>7. MAT 326  Calculus III (4 cr.)</td>
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<td>8. MAT 397  Core Mathematics Problem Seminar (AWR) (3 cr.)</td>
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<td>9. MAT 428  Foundations of Calculus (3 cr.)</td>
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<td>10. MAT 429 Advanced Calculus (3 cr.)</td>
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| 18      | Additional mathematics-related concentration |
|         | a. One of the pre-approved programs (list available through the department) or individualized program approved by the department. |
|         | b. Thesis optional; will replace one course in concentration. See department for thesis guidelines. |
|         | c. Courses are ordinarily expected to be at the 300 or 400 level. |

B. Cognate Requirements: (3 cr.)
1. CSC 121 Introduction to Computing and the Web (3 cr.)

TOTAL CREDITS minimum 120 (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum grade of C in all courses for the major requirements listed above.
2. Students must take and perform satisfactorily on one of the following examinations and have the score reported to the Mathematics Department:
   a. Major Field Achievement Test (from ETS).
   b. GRE Subject Matter Test.
   c. First examination in the Actuarial Test sequence.
3. MAT 391 and MAT 496 will not satisfy the 300/400 level advanced mathematics requirement.

MILITARY STUDIES DEPARTMENT

Chairperson: M. Palaza
Adjunct Faculty: D. Goodfellow, H. Rocheleau

The Department of Military Studies provides interested students with the opportunity to participate in the Army Reserve Officer Training Corps (ROTC), in affiliation with the Green Mountain Cadet Battalion headquartered at the University of Vermont. The mission of the department is to provide leadership training to all interested students and to train and prepare students who join the formal Corps of Cadets to serve as commissioned officers in the U.S. Army, U.S. Army Reserves, or National Guard. The program is open to students in all academic programs and features coursework that includes land navigation, field craft tactics, physical fitness, team building, and leadership. Army ROTC is considered a college elective. Students who want to participate do so by signing up for a Military Studies class. ROTC is designed as a four-year program, but any student, including graduate students, with two or more years of study remaining can participate.

Department Course Offerings
The four-year Military Studies program at SUNY Plattsburgh consists of a two-year Basic Course (freshman and sophomore years) and two-year Advanced Course (junior and senior years). A fully funded 30-day Leader’s Training Course (LTC) conducted at Fort Knox, Ky. is offered as an alternative to the Basic Course of study, and meets all prerequisites for students wishing to start ROTC at the end of their sophomore year. The department offers Military Physical Training class Mondays, Wednesdays, and Fridays for all cadets as a student-led activity.

Military Studies Classes
MTS 101 Introduction to ROTC & US Army (1 cr.)
MTS 102 Introduction to Military Skills & Followship (1 cr.)
MTS 201 Leadership & Team Development (2 cr.)
MTS 202 Individual & Team Leading (2 cr.)
MTS 301 Lead & Train Small Organizations (3 cr.)
MTS 302 Lead & Manage Small Organizations (3 cr.)
MTS 304 Military History, US Army 1607 – present (3 cr.)
MTS 401 Leadership Challenges & Goal Setting (3 cr.)
MTS 402 Lead Organizations Ethically & Morally (3 cr.)

Army ROTC Scholarships and Financial Aid
Two, three, and four year Army ROTC Scholarships that pay full tuition and room and board and $1,200 a year for books are available to qualified applicants. Application for a four-year Army ROTC scholarship is made during the high school senior year by applying electronically at www.goarmy.com. All other Army ROTC scholarship applications are made through the department. Contracted sophomore, junior, and senior ROTC students can earn up to $6,300 a year through the simultaneous membership program (SMP), which involves participation in the Army National Guard or Army Reserves. All contracted cadets receive a monthly ROTC stipend. The stipend is freshman: $300/month, sophomores: $350/month, juniors: $450/month, seniors: $500/month. See the Military Studies Department Web site: www.plattsburgh.edu/academics/militarystudies/
The department holds frequent convocations for all students taking private lessons, during which there are informal performances, master classes, lively discussions and special presentations by faculty, students and guests.

MUSIC MAJOR
Bachelor of Arts
Curriculum 0786 Requirements

Students wishing to declare the music major must first pass an audition on their principal instrument. Please consult the music department chairperson to schedule an audition.

MAJOR REQUIREMENTS

A. Music Core (39-46 cr.)
1. MUS 100 Introductory Music Symposium (1 cr.)
2. Music Theory and Skills (14-21 cr.):
   a. MUS 120 Fundamental Musicianship (3 cr.) or proficiency exam (0 cr.)
   b. MUS 121 Music Theory I (3 cr.)
   c. MUS 126 Aural Skills I (1 cr.) or proficiency exam (0 cr.)
   d. MUS 220 Music Theory II (3 cr.)
   e. MUS 226 Aural Skills II (1 cr.)
   f. MUS 221 Music Theory III (3 cr.)
   g. MUS 228 Aural Skills III (1 cr.)
   h. MUS 283 Piano Class I (3 cr.) or proficiency exam (0 cr.) (MUS 120 and 283 are taken concurrently.)
   i. MUS 383 Piano Class II (3 cr.) (MUS 121 and 383 are taken concurrently.)

Advanced piano students take MUS233 Voice Class (3 cr.) or MUS 293 Guitar Class (3 cr.) in place of MUS283/MUS383.

3. Music History (6 cr.):
   a. MUS 301 History Western Music: Antiquity to 1750 (3 cr.)
   b. MUS 302 History of Western Music: 1750 to Present (3 cr.)

4. MUS 305 Introduction to Music Technology (3 cr.)

5. MUS 310 Topics in Music (AWR) (3 cr.)

6. MUS 485 Senior Seminar (3 cr.)

7. MUS 495 Practicum: Music Production (1 cr.)

8. Applied and Ensembles (8 cr.):
   a. Applied Instrumental or Vocal Instruction (4 cr. over 4 semesters)
   b. Performing Ensembles (4 cr.)

Music majors are required to enroll in one of the following ensembles concurrent with their applied lessons: Cardinal Singers, College Chorale, Mambo Combo, Guitar Ensemble, Jazz Ensemble, Sinfonia, or Symphonic Band. It is expected that music majors will participate in small ensembles as mutually agreeable between ensemble directors and applied teachers.
through organizational and curricular experiences and Socialization to the professional role is developed based, multicultural general education program. and informational literacy, complemented by a broad-foundation of the sciences, humanities, and technology. The undergraduate nursing curriculum is rooted in a commitment to social responsibility. faculty and students to provide service to the community, groups, and communities. Another essential value is for dynamic healthcare needs of individuals, families, and excellent professional nurses capable of meeting the with a major in nursing. Its primary mission is to prepare with a major in nursing. Graduates who do not hold R.N. licensure are eligible to sit for the professional nurse licensing examination (NCLEX-RN).

The nursing program is registered by the New York State Education Department and accredited by the Commission on Collegiate Nursing Education. The program holds membership in the American Association of Colleges of Nursing and the Council of Deans of Nursing of Senior Colleges and Universities in New York. It supports an active chapter (Gamma Delta) in Sigma Theta Tau, International Honor Society of Nursing.

ADMISSION

Admission to the major is competitive and is contingent upon academic qualifications and spaces available in the major. Candidates must meet the general admission requirements to the college as published herein and the following requirements specific to the nursing major:

1. Freshman applicants must have completed three units of high school science including biology, chemistry, and physics or other science.
2. Freshman applicants must have completed three units of high school mathematics.
3. Freshman applicants must have completed three units of a single foreign language.
4. To certify English proficiency, international applicants whose native language is not English must take the Test of English as a Foreign Language (TOEFL), achieving a score of 550 on the paper examination or 80 on the Internet version.
5. Transfer applicants must have achieved an overall grade point average of 2.5 on a 4.0 scale for courses completed at another college or university.

TRANSFER CREDIT

All courses completed satisfactorily at another accredited institution of higher education are evaluated on a course-by-course basis in accordance with guidelines established by the college and the following Department of Nursing and Nutrition criteria: Students transferring from two-year colleges may be granted a maximum of 67 semester hours earned at two-year colleges that include a maximum of 30 transfer credits in nursing.

B. Music Electives (3 cr.):

Chosen from the following music course offerings:
MUS 110  Music Appreciation (3 cr.)
MUS 111  World Music (3 cr.)
MUS 112  Jazz History (3 cr.)
MUS 113  Music in Canadian Cultures (3 cr.)
MUS 114  American Pop: North and South (3 cr.)
MUS 115  Musical Theatre (3 cr.)
MUS 116  Latin American and Caribbean Music (3 cr.)

TOTAL CREDITS minimum 120 (including General Education Requirements)
Change of Major
Students who wish to declare a major in nursing after admission or enrollment at the college must first obtain approval from the Department of Nursing and Nutrition. Admission will be contingent upon academic qualifications and available space in the transfer class. An overall grade point average of at least 2.5 on a 4.0 scale for all college-level course work completed is required. Requests are considered once a year, at the end of the spring semester. Contact the Nursing and Nutrition Department (564-3124) for more information; requests and supporting materials are due May 15.

Progression Policy
In order to progress within the nursing major, students must meet the following requirements:

1. Students must have an overall GPA of 2.5 prior to entering junior-level nursing courses.
2. Students must achieve a grade of C or better in all required nursing courses to continue in the nursing program.
3. Students must complete cognate requirements with a grade of C or better (P grades are not acceptable) prior to taking junior level nursing courses.
4. Required cognate and nursing courses can be repeated only once. A student may repeat no more than two required courses within the total program.
5. Students must demonstrate satisfactory performance in both theory and clinical portions of a nursing course in order to be successful in a nursing course with both a theory and a clinical component. Failure to successfully complete either portion (theory or clinical) will constitute a failure for the course.
6. Students are required to obtain professional liability insurance prior to the first nursing course with an off-campus clinical component and must maintain coverage throughout the program.
7. Students are required to obtain adult, child, infant CPR certification prior to the first nursing course with a clinical component and annually thereafter.
8. Students in curriculum 202 must have successfully completed or be currently enrolled in NUR 362 in order to enroll in NUR 360 and NUR 361.

Residency Requirement
Students registered in the RN-BS Online Program Option are exempt from the Senior Residency Requirement.

Health Regulation
All students must meet the health requirements of the nursing program and affiliating clinical agencies. A health form provided by the nursing program must be on file each year before a student may take a nursing course with an off-campus clinical laboratory component. Failure to submit the completed health report automatically prevents admission to the clinical laboratory experience. Many health care organizations require students practicing in their agencies to receive the Hepatitis B vaccination or sign a declination statement as a condition of practicing in the facility. The Hepatitis B vaccination is a safe and effective method of preventing Hepatitis B infection. Questions about this health facility vaccination requirement should be directed to the Champlain Valley Physician’s Hospital Medical Center, Plattsburgh, N.Y., 518-561-2000. It is the student’s responsibility to know and meet current health regulations. Health forms can be obtained from the Nursing Office, Hawkins Hall 209A.

Transportation
The college does not assume either responsibility or cost for student transportation to agencies for clinical experiences.

Uniforms and Equipment
Students are responsible for purchasing uniforms and equipment such as a stethoscope, bandage scissors, and a watch with a second hand. Information is provided for students as to current price lists and suggested vendors at the beginning of their Nursing Fundamentals course.

Instructional Facilities
Students are expected to use the practice equipment in the nursing skills laboratory. Clinical experiences are provided by a variety of hospitals and other health agencies. Clinical course work is under the direct supervision of the nursing program faculty at all facilities used for instruction.

A few of the clinical facilities available for students include Champlain Valley Physicians Hospital Medical Center, Clinton County Health Department, and Alice Hyde Medical Center. Community aspects of the nursing program rely upon a wide variety of community-based health agencies.

Practicum and internship candidates are expected to follow the external and professional practicum guidelines appropriate to their discipline. (Please refer to specific department/program student/internship manual for details.)

NURSING MAJOR
Bachelor of Science
Curriculum 0202 Requirements

<table>
<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td><strong>A. Departmental Requirements:</strong> (54 cr.)</td>
<td>89</td>
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<tr>
<td>1. NUR 303</td>
<td>Nursing Fundamentals (4 cr.)</td>
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<td>2. NUR 304</td>
<td>Health Assessment (3 cr.)</td>
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<td>3. NUR 344</td>
<td>Pharmacology I (1 cr.)</td>
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<td>4. NUR 356</td>
<td>Professional Concepts (2 cr.)</td>
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<td>5. NUR 360</td>
<td>Care of Childbearing Family (3 cr.)</td>
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<td>6. NUR 361</td>
<td>Care of the Pediatric Client (3 cr.)</td>
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<td>7. NUR 362</td>
<td>Care of Adults I (7 cr.)</td>
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<tr>
<td>8. NUR 363</td>
<td>Care of Adults II (7 cr.)</td>
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<tr>
<td>9. NUR 425</td>
<td>Community Health Nursing (4 cr.)</td>
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<td>10. NUR 427</td>
<td>Research in Nursing (3 cr.)</td>
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<td>11. NUR 428</td>
<td>Management and Leadership (4 cr.)</td>
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<td>12. NUR 435</td>
<td>Psychiatric Nursing (4 cr.)</td>
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<td>13. NUR 437</td>
<td>Professional Issues (AWR) (3 cr.)</td>
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<tr>
<td>14. NUR 464</td>
<td>Care of Adults III (6 cr.)</td>
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</tbody>
</table>
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

B. Cognate Requirement: (35 cr.)
1. BIO 203 Microbiology (4 cr.)
2. BIO 326 Human Anatomy & Physiology I (4 cr.)
3. BIO 327 Human Anatomy & Physiology II (4 cr.)
4. CHE 101 General Chemistry (4 cr.)
5. CHE 271 Introduction to Organic and Biochemistry (4 cr.)
6. FNI 211 Human Nutrition (3 cr.)
7. MAT 161 Introductory Statistics (3 cr.)
8. PSY 101 General Psychology (3 cr.)
9. PSY 311 Survey of Human Development (3 cr.)
10. SOC 101 Introduction to Sociology (3 cr.)

TOTAL CREDITS minimum 120 (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum grade of C must be earned in all departmental nursing and cognate (required non-nursing) courses.

RN-to-BS Online Program Option

For admission to the RN-to-BS Online Program Option, an applicant must:
1. Be a graduate of a nursing program that is approved by the legal body that registers nursing programs in the state or Canadian province in which the program is located.
2. Have current licensure as a registered nurse in New York state. Students awaiting the results of the licensing examination taken for the first time may be admitted; continuance in the RN-to-BS Online Program Option, however, will be contingent upon passing the licensing examination.
3. Have an overall grade point average of 2.5 on a 4.0 scale for courses completed at another college or university. This requirement may be waived in exceptional cases by the chairperson of the Department of Nursing and Nutrition.

In addition to the requirements listed above under Progression Policy, students in the RN-to-BS Online Program Option must:
1. Take NUR 350 prior to senior level (400-level) nursing courses.
2. Complete the program within six years of beginning the first nursing course in the upper division. This requirement may be waived in exceptional cases by the chairperson of the nursing program.

Qualified registered nurse students can request nursing program challenge examination for Health Assessment. Additional information regarding the RN-to-BS Online Program Option can be obtained by contacting:

Anna Liem
Hawkins Hall 215A
State University of New York at Plattsburgh
Plattsburgh, N.Y. 12901
518-564-4238 or 564-3124
e-mail: liemak@plattsburgh.edu

NURSING MAJOR
Bachelor of Science
(RN-to-BS Online Program Option)
Curriculum 0203 Requirements

MAJOR REQUIREMENTS

CREDITS 89

A. Departmental Requirements: (54 cr.)
1. RN transfer students will have 30 cr. granted for prior nursing courses equivalent to the content of the following:
   a. NUR 303 Nursing Fundamentals
   b. NUR 344 Pharmacology I
   c. NUR 448 Pharmacology V
   d. NUR 360 Care of Childbearing Family
   e. NUR 361 Care of the Pediatric Client
   f. NUR 362 Care of Adults I
   g. NUR 363 Care of Adults II
   h. NUR 435 Psychiatric Nursing
2. Nursing Credits taken at SUNY Plattsburgh (24 cr.):
   a. NUR 304 Health Assessment (3 cr.)
   b. NUR 350 Theoretical Found. of Nursing (3 cr.)
   c. NUR 425 Community Health Nursing (4 cr.)
   d. NUR 427 Research in Nursing (3 cr.)
   e. NUR 428 Management and Leadership (4 cr.)
   f. NUR 437 Professional Issues (AWR) (3 cr.)
   g. NUR 465 Clinical Practicum (4 cr.)

B. Cognate Requirements: (35 cr.)
1. BIO 203 Microbiology (4 cr.)
2. BIO 326 Human Anatomy & Physiology I (4 cr.)
3. BIO 327 Human Anatomy & Physiology II (4 cr.)
4. BIO 101 General Biology I (4 cr.) or CHE 271 Intro. to Organic and Biochemistry (4 cr.)
5. CHE 101 General Chemistry (4 cr.)
6. FNI 211 Human Nutrition (3 cr.)
7. MAT 161 Introductory Statistics (3 cr.)
8. PSY 101 General Psychology (3 cr.)
9. PSY 311 Survey of Human Development (3 cr.)
10. SOC 101 Introduction to Sociology (3 cr.)

TOTAL CREDITS minimum 120 (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A grade of C must be earned in all departmental nursing and cognate (required non-nursing) courses.
2. Undergraduate residency requirement of SUNY Plattsburgh must be met, but the senior residency requirement need not be met.

Nutrition Program

The Nutrition Program prepares students for careers in nutrition, food service systems management, and related areas. This program is accredited by the American Dietetic Association (ADA) and meets the academic requirements for registered dietitian status. To take the registration exam, attainment of the college degree must be followed by supervised professional...
experience obtainable through American Dietetic Association-approved or accredited programs such as a dietetic internship. Students may apply for admission to such programs in the senior year.

The mission of the Nutrition Program at SUNY Plattsburgh is to graduate students who are successfully prepared to enter an internship, a graduate program, or employment in clinical, community, or foodservice settings.

Practicum and internship candidates are expected to follow the external and professional practicum guidelines appropriate to their discipline. (Please refer to specific department/program student/internship manual for details.)

NUTRITION MAJOR
Bachelor of Science
Curriculum 0298 Requirements

<table>
<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
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<tbody>
<tr>
<td>A. Departmental Requirements: (42 cr.)</td>
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<tr>
<td>1. FNI 101 Intro. to Careers in Nutrition and Dietetics (1 cr.)</td>
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<td>2. FNI 211 Human Nutrition (3 cr.)</td>
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<td>3. FNI 241 Nutrition in the Life Cycle (3 cr.)</td>
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<td>4. FNI 261 Organization and Management (3 cr.)</td>
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<td>5. FNI 301 Nutrition Ed. and Counseling (4 cr.)</td>
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<td>6. FNI 362 Food Preparation (4 cr.)</td>
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<td>7. FNI 441 Community Nutrition (3 cr.)</td>
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<td>8. FNI 443 Food Science (4 cr.)</td>
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<td>9. FNI 445 Advanced Nutrition (4 cr.)</td>
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<td>10. FNI 446 Clinical Nutrition (3 cr.)</td>
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<td>11. FNI 448 Seminar in Dietetics (AWR) (3 cr.)</td>
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<td>12. FNI 450 Food Service Delivery Mgmt (4 cr.)</td>
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<td>13. FNI 451 Topics in Clinical Nutrition (3 cr.)</td>
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<tr>
<td>B. Cognate Requirements: (50 cr.)</td>
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<tr>
<td>1. BIO 203 Microbiology (4 cr.)</td>
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<td>2. BIO 326 Human Anatomy &amp; Physiology I (4 cr.)</td>
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<td>3. BIO 327 Human Anatomy &amp; Physiology II (4 cr.)</td>
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<td>4. BIO 333 Biostatistics (3 cr.)</td>
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<tr>
<td>5. CHE 111 Principles of Chemistry I (4 cr.)</td>
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<td>6. CHE 112 Principles of Chemistry II (4 cr.)</td>
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<td>7. CHE 240 Fund. of Organic Chemistry (5 cr.)</td>
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<td>8. CHE 371 General Biochemistry (4 cr.)</td>
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<td>9. ECO 101 Principles of Economics (3 cr.)</td>
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<td>10. PED 333 The Science of Exercise (3 cr.)</td>
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<td>11. SOC 101 Introduction to Sociology (3 cr.) or ANT 102 Comparative Cultures (3 cr.)</td>
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<td>12. CMM 101 Introduction to Public Speaking (3 cr.)</td>
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<td>13. MAT 161 Introductory Statistics (3 cr.)</td>
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<td>14. PSY 101 General Psychology (3 cr.)</td>
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<tr>
<td>TOTAL CREDITS</td>
<td>minimum 120</td>
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</table>

MINIMUM GRADE REQUIREMENTS
1. Minimum grade of C in all required nutrition (FNI) and cognate courses.
2. Minimum cummulative GPA of 2.5 in all nutrition and cognate courses.
3. FNI 443, FNI 445, FNI 446, FNI 448, FNI 450, and FNI 451 must be taken at SUNY Plattsburgh.

PHILOSOPHY DEPARTMENT

SUNY Distinguished Teaching Professor: D. Mowry
Professor: B. Dixon, C. List
Associate Professors: D. Maier (chairperson)
Assistant Professor: K. Hagen
Adjunct Faculty: One position

Philosophy encompasses a broad range of subjects and a wide variety of methodologies. The Department of Philosophy offers two programs: a traditional philosophy program (701) and a study option in Ethics and Social Philosophy (699). Students in both programs will develop analytical and critical thinking skills. They will gain an understanding of the human condition, our relationships to others, and the complexities of our world. Philosophy students acquire a broad acquaintance with important philosophers and methodologies of the past and present.

The philosophy programs easily accommodate students who want to supplement their work in philosophy with a wide range of career and intellectual interests. Many students are double majors. Some students pursue a bachelor’s degree in philosophy as an end in itself, while others proceed to graduate studies. Philosophy provides an excellent liberal arts foundation that prepares students for a variety of careers in fields such as law, business, or mass media, as well as other occupations that require strong writing and critical thinking skills.

PHILOSOPHY MAJOR
Bachelor of Arts or Bachelor of Science
Curriculum 0701 Requirements

<table>
<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
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<tbody>
<tr>
<td>1. PHI 102 Introduction to Philosophy (3 cr.)</td>
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<td>2. PHI 210 History Western Philosophy to 1500 (3 cr.)</td>
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<td>3. PHI 211 History of Western Philosophy from 1500 (3 cr.)</td>
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<td>4. PHI 213 Symbolic Logic (3 cr.)</td>
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<td>5. PHI 490 Adv Writing in Philosophy (AWR) (4 cr.)</td>
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<tr>
<td>6. Philosophy Electives: (21 cr.)</td>
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<tr>
<td>TOTAL CREDITS</td>
<td>minimum 120</td>
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</tbody>
</table>

ADDITIONAL DEGREE REQUIREMENTS
1. Minimum cumulative GPA of 2.5 in all nutrition and cognate courses.
2. Minimum grade of C in all required nutrition (FNI) and cognate courses.
3. FNI 443, FNI 445, FNI 446, FNI 448, FNI 450, and FNI 451 must be taken at SUNY Plattsburgh.
PHILOSOPHY MAJOR
Bachelor of Arts or Bachelor of Science
(Study Option in Ethics and Social Philosophy)
Curriculum 0699 Requirements

MAJOR REQUIREMENTS 37 CREDITS

1. Foundations: (12 cr.)
   a. PHI 102 Introduction to Philosophy (3 cr.)
   b. PHI 210 History of Western Philosophy to 1500 (3 cr.)
   c. PHI 211 History of Western Philosophy from 1500 (3 cr.)
   d. PHI 213 Symbolic Logic (3 cr.)

2. Ethics and Social Philosophy Concentration: (25 cr.)
   a. PHI 104 Moral Problems (3 cr.)
   b. Select one course (3 cr.):
      PHI 230 Social and Political Philosophy (3 cr.)
      PHI 312 Ethical Theory (3 cr.)
   c. Select two courses (6 cr.):
      PHI 319 Medical Ethics (3 cr.)
      PHI 333 Business Ethics (3 cr.)
      PHI 350 Environmental Ethics (3 cr.)
      PHI 360 Topics: Nature, Culture, and the Hunt (3 cr.)
      PHI 360 Topics: Ethics and Animals (3 cr.)
   d. Select one course (3 cr.):
      PHI 419 Topics in Philosophical Ethics (3 cr.)
      PHI 444 Philosophy and Culture (3 cr.)
   e. PHI 490 Adv. Writing in Philosophy (internship or practicum) (AWR) (4 cr.)
   f. Philosophy Electives: (6 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

PHYSICS DEPARTMENT

Chairperson: T. Wolosz
Professors: D. Graham, F. Kissner, J. Lewis, G. Myer
Assistant Professor: K. Podolak
Lecturer: L. M. Kissner
Adjunct Faculty: R. Hamernik, J. Porter

Preparation for a career in physics is the primary goal of this program. But, since many career areas in the field of science are multidisciplinary in nature and involve the solution of mission-oriented problems, the program in physics provides a solid background in science and mathematics with the opportunity to select courses that fulfill personal educational and career goals.

Because of the interdisciplinary nature of this curriculum, a specific program can be coordinated with work in such areas as mathematics, chemistry, biophysics, geophysics, computer science, and environmental science, either in a double major format or in a program concentration or minor field.

Students will acquire the background necessary to enter industrial research laboratories or graduate degree programs.

The Physics Department offers, in conjunction with the Teacher Education Unit, a combined B.A./M.S.T. Physics/Adolescence Education program that leads to New York state teacher certification in Physics 7-12. For more information, see the Combined Programs section of this catalog.

Students interested in a career in engineering can major in the physics engineering option. See engineering and the requirements for the physics engineering option.

PHYSICS MAJOR
Bachelor of Arts
Curriculum 715 Requirements

MAJOR REQUIREMENTS 55-58 CREDITS

A. Departmental Requirements: (29-31 cr.)
   1. PHY 111 General Physics I (4 cr.)
   2. PHY 112 General Physics II (4 cr.)
   3. PHY 311 Analytical Mechanics (3 cr.)
   4. PHY 314 Introduction to Modern Physics (3 cr.)
   5. PHY 380 Intermediate Laboratory (3 cr.)
   6. Physics Electives: (9-11 cr.)
      PHY 341 Thermodynamics (3 cr.)
      PHY 365 Electronics for Scientists (4 cr.)
      PHY 421 Fundamentals of Electromagnetism (3 cr.)
      PHY 431 Physical Optics (4 cr.)
      PHY 452 Quantum Mechanics (3 cr.)
      PHY 495 Undergraduate Research (2-6 cr.)

B. Cognate Requirements: (26 cr.)
   1. CHE 111 Fund. Principles of Chemistry I (4 cr.)
   2. CHE 112 Fund. Principles of Chemistry II (4 cr.)
   3. CSC 221 Intro. to Programming (3 cr.)
   4. MAT 224 Calculus I (4 cr.)
   5. MAT 225 Calculus II (4 cr.)
   6. MAT 326 Calculus III (4 cr.)
   7. MAT 426 Differential Equations (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum overall GPA of 2.0 must be earned in all courses under departmental requirements and all physics (PHY) courses.
PHYSICS MAJOR
Bachelor of Arts
(Study Option in Engineering, Civil/Environmental/Mechanical Engineering or Electrical/Computer Engineering)
(Plattsburgh Component)
Curriculum 0751 Requirements

CREDITS
MAJOR REQUIREMENTS 55

A. Departmental Requirements: (29 cr.)
1. PHY 111 General Physics I (4 cr.)
2. PHY 112 General Physics II (4 cr.)
3. PHY 314 Introduction to Modern Physics (3 cr.)
4. PHY 380 Intermediate Laboratory (3 cr.)
5. PHY 398 Technical Reports in Physics and Engineering (AWR) (3 cr.)
6. Physics Electives: (12 cr.)
   PHY 310 Statics (3 cr.) *
   PHY 311 Analytical Mechanics (3 cr.) or
   PHY 312 Engineering Mechanics- Dynamics (3 cr.)
   PHY 341 Thermodynamics (3 cr.) **
   PHY 350 Circuits and Electronics (3 cr.) ***
   PHY 421 Fund. of Electromagnetism (3 cr.)
   PHY 431 Physical Optics (4 cr.)
   PHY 495 Undergraduate Research (3 cr.)

*Civil and mechanical engineers should take this course before transferring, to be assured of entering engineering school with true junior standing.
**Mechanical engineers should take this course before transferring, to be assured of entering engineering school with true junior standing.
***Electrical engineers should take this course before transferring, to be assured of entering engineering school with true junior standing.

B. Cognate Requirements: (26 cr.)
1. CHE 111 Fund. Principles of Chemistry I (4 cr.)
2. CHE 112 Fund. Principles of Chemistry II (4 cr.)
3. CSC 221 Intro. to Programming (3 cr.)
4. MAT 224 Calculus I (4 cr.)
5. MAT 225 Calculus II (4 cr.)
6. MAT 326 Calculus III (4 cr.)
7. MAT 426 Differential Equations (3 cr.)

NOTE 2: The Accreditation Board for Engineering and Technology (ABET), which accredits many engineering programs, stipulates that general education courses may not be skills courses (e.g., introductory modern languages, band, chorale, drawing, painting, photography, accounting, surveying, etc.)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 must be earned in all courses required under departmental requirements and all physics (PHY) courses.

POLITICAL SCIENCE DEPARTMENT

Professors: J. Gottschal (chairperson), H. Itoh, H. Schantz
Associate Professor: T. Konda
Assistant Professor: D. Lake
Lecturer: G. O’Donnell
Adjunct Faculty: C. Eloranto, T. Mandeville

The Department of Political Science at SUNY Plattsburgh offers courses in United States politics, public policy, law, and world politics. Majors complete basic and advanced work in all four areas, and specialize in one of them. In addition, many political science majors spend one semester as an intern in the New York state Assembly or Senate, in government or politics in Washington, D.C., studying abroad in Latin America or Europe, or in local internships in governmental and legal offices.

Students of political science gain an understanding of political activities, organizations, and ideals, and they develop an awareness of the relationship between social problems, decision-making, and public policies. Highly successful students are eligible for the national Political Science Honor Society. Recent political science graduates have begun careers in government, politics, education, and the private sector. Others have pursued advanced degrees in political science, public administration, education, business, and law.

POLITICAL SCIENCE MAJOR
Bachelor of Arts or Bachelor of Science
Curriculum 0711 Requirements

CREDITS
MAJOR REQUIREMENTS 49-61

A. Departmental Requirements: (37 cr.)
1. PSC 100 U.S. National Politics (3 cr.)
2. PSC 110 Studying Politics (1 cr.)
3. PSC 120 Comparative Politics (3 cr.)
4. PSC 220 International Relations (3 cr.)
5. PSC 231 History of Political Ideas (3 cr.)
6. PSC 311 Political Analysis (3 cr.)
7. U.S. Politics: Select one course (3 cr.)
   PSC 240 State and Local Government (3 cr.)
   PSC 343 U.S. Congress and Presidency (3 cr.)

NOTE 1: Remaining course work in engineering (2 years) at any accredited engineering school. SUNY Plattsburgh has articulation agreements with schools of engineering at Clarkson University, SUNY Binghamton, SUNY Stony Brook, Syracuse University, University of Vermont, and McGill University. The student can expect junior standing at these schools, upon successful completion of the above requirements. Upon completion of the program at both schools, including Plattsburgh’s general education and other college-wide requirements, students receive the bachelor of arts in physics from SUNY Plattsburgh and the bachelor of science in engineering from the school of engineering.
PSYCHOLOGY DEPARTMENT

SUNY Distinguished Service Professor: T. Zandi
SUNY Distinguished Teaching Professor: J. Ryan
Professors: G. Brannigan, W. Gaeddert, W. Tooke
Associate Professors: R. Bator (co-chairperson), W. Braje, K. Dunham, S. Mansfield (co-chairperson), M. Morales, D. Phillips
Assistant Professors: L. Charette, P. Egan, J. Grabbe, E. Sturman
Adjunct Faculty: Three or four positions

Students of psychology receive a broad background in the scientific study of behavior. They become well-versed in the theories, research, and applications of the discipline. In addition, the curriculum includes courses in the study of human development, biopsychology, cognition, personality, clinical psychology, and social psychology. The department also offers opportunities for direct experience in research and application of psychological principles.

The major and minor programs interest students who plan to work with people in any of a wide range of settings including personnel and business offices, programs for the handicapped, and psychological clinics. Also, the major offers an excellent preparation for graduate study in psychology, or for advanced study in related disciplines such as social work or law. The psychology minor complements student majors in a variety of areas.

Students with junior standing may complete the B.A./B.S. Psychology program at SUNY Plattsburgh’s Branch Campus at Adirondack Community College, Queensbury, N.Y. For more information on the Branch Campus see the Regional, Local, and Campus Overview section of this catalog.

PSYCHOLOGY MAJOR
Bachelor of Arts or Bachelor of Science
Curriculum 0707* or 0296** Requirements

MAJOR REQUIREMENTS 41

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<td>1. PSY 101</td>
<td>General Psychology (3 cr.)</td>
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<td>2. PSY 105</td>
<td>General Psychology Laboratory/Recitation (1 cr.)</td>
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<td>3. PSY 205</td>
<td>Experimental Design (3 cr.)</td>
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<td>4. PSY 206</td>
<td>Psychological Statistics (3 cr.)</td>
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<td>5. PSY 304</td>
<td>Junior Psychology Seminar (AWR) (4 cr.)</td>
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<td>6. PSY 311</td>
<td>Survey of Human Development (3 cr.)</td>
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<td>7. PSY 321</td>
<td>Cognitive Psychology (3 cr.)</td>
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<tr>
<td>8. PSY 331</td>
<td>Introduction to Biopsychology (3 cr.)</td>
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<tr>
<td>9. PSY 340</td>
<td>Personality (3 cr.)</td>
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<td>10. PSY 361</td>
<td>Social Psychology (3 cr.)</td>
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<td>11. PSY 408</td>
<td>Psychology Senior Seminar (0 cr.)</td>
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<td>12. PSY 409</td>
<td>History and Modern Systems of Psychology (3 cr.)</td>
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<tr>
<td>13. Psychology Upper-Division Requirement: (9 cr.)</td>
<td>Select three courses: Middle number must be different in each course selected.</td>
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<td>PSY 412</td>
</tr>
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TOTAL CREDITS minimum 120
(including General Education Requirements)
SOCIAL WORK DEPARTMENT

Associate Professors: L. Soine (chairperson), M. Wilcke
Assistant Professor: M. Ballantine
Adjunct Faculty: V. Young

The social work program prepares students for generalist professional practice in a wide range of agencies, including social services, health, mental health, developmental disabilities, education, aging, youth services, addictions, and related organizations. The social work program is fully accredited by the Council on Social Work Education.

The social work program is completed in the junior and senior years. The curriculum includes both course work and an agency-based field internship under professional supervision. During the freshman and sophomore years, social work students complete a liberal arts base that includes the General Education requirements.

Both SUNY Plattsburgh students and transfer students may apply for admission to the social work program. Transfer students apply through the college’s admissions office. Currently enrolled Plattsburgh students apply through the Social Work Department. Applications are available in Ward Hall, main office, room 109, in February of each year.

Admission requirements include substantial completion of SUNY Plattsburgh’s General Education program, or its equivalent as determined by admissions. Applicants must have completed: SOC101, PSY101, MAT161, and BIO100 or BIO103 (human biology). A minimum cumulative GPA of 2.5, completion of the application form, and a letter of reference assessing applicant’s suitability for a career in social work are required.

Transfer credit for courses taken at another accredited social work program will be granted to prevent duplication of academic content. Procedures for granting transfer credit for courses from other accredited baccalaureate social work programs are detailed in the Program Manual, available in Ward Hall, main office. Transfer courses from unaccredited programs will only be considered for SWK260 Introduction to Social Welfare in those instances in which a formal articulation agreement exists. No academic credit for life experience or previous work experience will be granted under any circumstances.

Practicum and internship candidates are expected to follow the external and professional practicum guidelines appropriate to their discipline (please refer to specific department/program student/internship manual for details).

Successful completion of the social work program leads to the bachelor of science with a major in social work. Students earning this degree are recognized as BSWs within the profession of social work and are eligible for membership in the National Association of Social Workers.

SOCIAL WORK MAJOR
Bachelor of Science
Curriculum 0412 Requirements

MAJOR REQUIREMENTS CREDITS

A. Departmental Requirements: (50 cr.)
1. SWK 260 Introduction to Social Welfare (3 cr.)
2. SWK 300 Human Behavior and the Social Environment – Part I (3 cr.)
3. SWK 302 Generalist Practice I (3 cr.)
4. SWK 303 Human Behavior and the Social Environment – Part II (3 cr.)
5. SWK 304 Social Welfare in Comparative Perspective (AWR) (3 cr.)
6. SWK 305 Cultural and Ethnic Diversity (3 cr.)
7. SWK 306 Social Work and Mental Health (3 cr.)
8. SWK 307 The Organizational Context of Social Work (3 cr.)
9. SWK 401 Generalist Practice II (3 cr.)
10. SWK 402 Generalist Practice III (3 cr.)
11. SWK 403 Field Practicum in Social Work I (3 cr.)
12. SWK 404 Field Practicum in Social Work II (3 cr.)
13. SWK 405 Research Methods in Social Work (3 cr.)
14. SWK 408 Field Practicum Seminar in Social Work I (1 cr.)
15. SWK 409 Field Practicum Seminar in Social Work II (1 cr.)
16. SWK 460 Social Policy (3 cr.)
17. Social Work Electives: (6 cr.)
SWK 308  Selected Topics in Social Work (3 cr.)
(may be taken more than once with different topics)
SWK 320  Issues in Family Violence (3 cr.)

B. Cognate Requirements: (36-43 cr.)
1. BIO 100  Concepts of Biology (4 cr.) or BIO 103  Concepts in Biology/without lab (3 cr.)
2. MAT 161  Introductory Statistics (3 cr.)
3. SOC 101  Introduction to Sociology (3 cr.)
4. One of the following courses: (3 cr.)
   PSC 100  U.S. National Politics (3 cr.)
   PSC 240  State and Local Government (3 cr.)
5. Select one course: (3 cr.)
   HIS 303  History of American Women (3 cr.)
   SOC 305  Sociology of Women (3 cr.)
   WMS 101  Intro. to Women’s Studies (3 cr.)
6. PSY 101  General Psychology (3 cr.)
7. One of the following Minors (18-24 cr.):
   Africana Studies
   Art: Art History
   Asian Studies
   Canadian Studies
   Criminal Justice
   Cultural Anthropology
   Economics
   English
   French
   Gender and Women’s Studies
   German
   History
   International Studies
   Latin American Studies
   Mathematics
   Perspectives on the Environment
   Philosophy
   Philosophy: Ethics & Social Philosophy
   Political Science
   Psychology
   Sociology
   Spanish

TOTAL CREDITS  minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. In order to be accepted into junior-level social work courses, students must show evidence of the following:
   a. Completion of SOC101, PSY 101, MAT 160 or MAT 161, and BIO 100 or BIO 103 and suitability for a career in social work.
   b. Attainment of GPA of 2.5 or higher.
   c. Completion of the application form.
2. A minimum overall GPA of 2.0 or higher.
3. Successful completion of SWK403-SWK404 Field Practicum.

SOCIOLGY AND CRIMINAL JUSTICE DEPARTMENT

Professors: L. Ames, S. Light, T. Poveda, C. Simpson, R. Weiss
Associate Professors: D. Perez, S. Rezac (chairperson)
Assistant Professors: M. Ciobanu, L. Eastwood, B. Klocke, W. Peters, L. Schlesinger
Lecturer: C. Dunton
Adjunct Faculty: Five positions

Sociology is the study of social life and the social causes and consequences of human behavior. Its subject matter ranges from the intimate family to the multi-national corporation, from crime to medicine, from the sociology of work to the sociology of globalization.

The sociology curriculum leads to the B.A. in sociology. All students complete the core curriculum, which includes courses in research methods and theory, and four areas of sociological focus: global dynamics; social inequality; social institutions; and law, crime, and human rights. The program provides a sociological interpretation of American and world societies in a historical and comparative context.

The department also administers the B.A. in criminal justice program. It builds upon the lower-level work of students, many of whom transfer from community college criminal justice programs. It also meets the needs of active corrections and law enforcement personnel who wish to further their education for personal or professional development and career advancement. Additionally, the program serves the intellectual interests of students concerned with problems and issues peculiar to criminal justice, including those considering law school.

The major in sociology or criminal justice offers valuable preparation for many different careers. Some students pursue graduate study and eventually enter careers in teaching and in research. Sociology and criminal justice are also popular majors for students interested in social services, criminal justice, public administration, business, law, public health, or urban and regional planning.

Students with junior standing may pursue the B.S. in criminal justice program at SUNY Plattsburgh’s Branch Campus at Adirondack Community College, Queensbury, NY. For more information on the Branch Campus, see Branch Campus in the Regional, Local, and Campus Overview section of this catalog.
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

SOCILOGY MAJOR
Bachelor of Arts
Curriculum 0728 Requirements

MAJOR REQUIREMENTS

CREDITS

45-60

A. Departmental Requirements: (33 cr.)
   1. Core (15 cr.)
      a. SOC 101 Introduction to Sociology (3 cr.)
      b. SOC 300 Research Methods I (3 cr.)
      c. Select one course (3 cr.)
         SOC 301 Research Methods II: Quant. (3 cr.)
         SOC 302 Research Methods II: Qual. (3 cr.)
      d. SOC 340 Sociological Theory (3 cr.)
      e. SOC 395 Junior Seminar (AWR) (3 cr.)
   2. Areas of Sociological Focus: (12 cr.)
      Select one course from each category (a-d):
      a. Global Dynamics: select one course (3 cr.)
         SOC 303 Sociology of Development (3 cr.)
         SOC 367 Sociology of Environment (3 cr.)
         SOC 441 Sociology of Globalization (3 cr.)
         SOC 390 Topics in Global Dynamics (3 cr.)
      b. Social Inequality: select one course (3 cr.)
         SOC 305 Sociology of Women (3 cr.)
         SOC 321 Sociology of Minorities (3 cr.)
         SOC 430 Social Stratification (3 cr.)
         SOC 391 Topics in Inequality (3 cr.)
      c. Social Institutions: select one course (3 cr.)
         SOC 265 Self in Society (3 cr.)
         SOC 309 Sociology of Aging & Death (3 cr.)
         SOC 312 Sociology of Families (3 cr.)
         SOC 314 Sociology of Mental Health & Illness (3 cr.)
         SOC 315 Sociology of Health & Medicine (3 cr.)
         SOC 316 Working in Society (3 cr.)
         SOC 323 Sociology of Communities (3 cr.)
         SOC 331 Sociology of Organizations (3 cr.)
         SOC 325 Sociology of Urban Life in North America (3 cr.)
         SOC 342 Political Sociology (3 cr.)
         SOC 388 Social Movements (3 cr.)
         SOC 392 Topics in Social Institutions (3 cr.)
      d. Law, Crime, and Human Rights: select one course (3 cr.)
         SOC 202 Social Problems & Social Policy (3 cr.)
         SOC 352 White Collar Crime (3 cr.)
         SOC 353 Sociology of Punishment and Correction (3 cr.)
         SOC 355 Sociology of Law (3 cr.)
         SOC 359 Human Rights & Law Enforcement (3 cr.)
         SOC 364 Victimology (3 cr.)
         SOC 393 Topics in Criminal Justice (3 cr.)
   3. Sociology Electives: (6 credits)
      Select option a or b:
      a. Six additional credits in the above areas
         (A1 and A2). (No more than two courses in any
         one category can count towards the sociology
         major.)
      b. An internship of at least three credits with a
         public or private agency plus SOC 497 Applied
         Sociology Seminar (3 cr.)

B. Cognate Requirements: (15-27 cr.)
   1. MAT 161 Introductory Statistics (3 cr.)
   2. Complete one of the following options:
      a. Any minor.
      b. Full-time study abroad for full semester.

TOTAL CREDITS minimum 120
(including General Education Requirements)

CRIMINAL JUSTICE MAJOR
Bachelor of Arts* or Bachelor of Science**
Curriculum 0747*** or 0297**** Requirements

MAJOR REQUIREMENTS

CREDITS

57

A. Departmental Requirements (48):
   I. Lower Division Core (9 cr.)
      1. SOC 101 Introduction to Sociology (3 cr.)
      2. SOC 250 Criminology and the Criminal Justice System (3 cr.)
      3. SOC 251 Criminal Law (3 cr.)
   II. Upper Division Core (15 cr.)
      1. SOC 353 Sociology of Punishment and Correction (3 cr.)
      2. SOC 354 Sociology of Policing (3 cr.)
      3. SOC 405 Selected Issues in Criminal Justice (AWR) (3 cr.)
      4. SOC 450 Ethics in Criminal Justice (3 cr.)
      5. Research, select one course: (3 cr.)
         PSC 311 Political Analysis (3 cr.)
         SOC 300 Research Methods I (3 cr.)
   III. General Categories (12 cr.)
      1. Organizations and Public Administration
         Select one course: (3 cr.)
         PSC 380 Public Policy and Administration (3 cr.)
         PSY 462 Industrial and Organizational Psychology (3 cr.)
         SOC 331 Sociology of Organizations (3 cr.)
         SOC 355 Sociology of Law (3 cr.)
      2. Substantive Area of the Crime Problem
         Select one course: (3 cr.)
         SOC 202 Social Problems and Social Policy (3 cr.)
         SOC 352 White Collar Crime (3 cr.)
         SOC 356 Sociology of Organized Crime (3 cr.)
         SOC 359 Human Rights and Law Enforcement (3 cr.)
         SOC 370 Juvenile Delinquency (3 cr.)
         SOC 380 The War on Drugs (3 cr.)
      3. Crime and Social Structure
         Select one course: (3 cr.)
         SOC 321 Sociology of Minorities (3 cr.)
         SOC 323 Sociology of Community (3 cr.)
         SOC 325 Sociology of Urban Life in North America (3 cr.)
         SOC 342 Political Sociology (3 cr.)
The department offers a major in Fitness and Wellness Leadership, minors in Coaching and Personal Trainer, and a wide variety of elective courses in wellness, personal fitness, physical education activities, coaching, outdoor adventure, and American Red Cross certification programs.

The Fitness and Wellness Leadership Major is an extensive interdisciplinary program with five areas of concentration: wellness/fitness leadership, practical clinical experiences/rotations, business administration and fitness management, personal training laboratory, and preparation for certification testing by the American College of Sports Medicine (ACSM). The major provides a balance of strong content knowledge, hands-on practical projects, clinical rotation experiences, and internship opportunities that prepare students for employment as personal trainers, fitness professionals, health/fitness managers, and fitness business owners working in a wide-range of health and fitness settings. In addition, students majoring in Fitness and Wellness Leadership are prepared to complete a minor in marketing and/or in business and to enter graduate school programs.

Admission to the Fitness and Wellness Leadership Major is competitive and is contingent upon academic qualifications. Approximately 20 students are accepted into the major each year. Three units of high school science are required for incoming freshmen.

Physical education offerings encompass wellness, fitness improvement, and skill development with an emphasis on lifetime sports and adventure education courses. Only four (4) credit hours of PED activity courses (100-194) may be used toward a degree.

Theory courses cover wellness, coaching specific sports, coaching psychology, American Red Cross CPR, first aid, lifeguarding, American Red Cross instructor training, science of exercise, exercise program design, and principles of athletics in education. The department also administers the intercollegiate program, intramurals and recreation, and the Fitness Center. (See the student life and student services section of this catalog.)
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

THE TEACHER EDUCATION UNIT

Professors: L. Giandomenico, K. Whittier
Associate Professors: R. Ackland (M.S.T. program area coordinator), K. Agne, M. Beatham, A. Bobys, B. deGrandpere, K. Grant, S. Mody, M. Nelson, B. Nevard, H. Schnackenberg (M.S.Ed. program area coordinator), D. Selwyn, D. Simard (undergraduate program area coordinator), P. Snowden

Visiting Assistant Professor: J. Tromblee

Lecturers: S. Black, S. Hackett, K. Larkin, C. McCarty, J. Mockry, E. O’Brien, B. Wright

Instructor: M. Williams

Adjunct Faculty: Thirty-five positions

Director of Field Experience and Student Teaching: J. Petrillo

Assistant Director of Field Experience and Student Teaching: C. Marsh

Director of Certification & Graduate Advising: B. DelGaudio

Assessment/Data Manager: L. Lock

ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

B. Cognate Requirements (25 cr.)
1. BIO 101 General Biology (4 cr.)
2. BIO 326 Human Anatomy/Physiology I (4 cr.)
3. BIO 327 Human Anatomy/Physiology II (4 cr.)
4. CMM 101 Introduction to Public Speaking (3 cr.)
5. CHE 101 General Chemistry (4 cr.) or
CHE 111 Fund. Principles Chemistry (4 cr.)
6. CLG 402 Introduction to Counseling Techniques (3 cr.)
7. ECO 101 Principles of Economics (3 cr.)

ADDITIONAL DEGREE REQUIREMENTS
1. A grade of C or above for each course listed under Departmental Requirements.
2. A minimum cumulative GPA of 2.5 in courses listed under Departmental Requirements.

TEACHER EDUCATION UNIT

C. Marsh
Professional Certificate

- Completed master’s degree
- Three years of school teaching, including mentored first year with three successful evaluations
- Lifespan: renewable every five years, 175 hrs.
- Professional development/five years

Pre-service teachers who are recommended for NYS certification on or after Feb. 2, 2004 are eligible to receive an initial certificate. This certificate allows the bearer to teach in a NYS school for a period of five years. Eligibility for an initial certificate requires meeting the following criteria:

1. Completion of an approved baccalaureate program from an accredited institution that includes:
   a. Instruction in substance abuse prevention.
   b. A minimum of two (2) clock hours of instruction regarding the identification of child abuse and maltreatment.
   c. Instruction in child abduction prevention.
   d. Instruction in school violence prevention and intervention.

   All four of the above requirements can be met at SUNY Plattsburgh by the satisfactory completion of HED 310 (taken after 2001), EDUS110, EDUS120 or NYSED-approved training classes/workshops; “b” and “c” can be met through satisfactory completion of HED 487 or NYSED-approved training classes/workshops.

2. Completion of three New York state Teacher Certification Examinations (NYSTCE):
   a. Liberal Arts and Sciences Test (LAST)
   b. Content Specialty Test (CST)
   c. Assessment of Teaching Skills: Written (ATS-W)

Suggestions: Take the LAST the first semester of your junior year; take CST in your respective discipline the second semester of your junior year; and take the ATS-W during either your professional semester (first-semester senior) or Student Teaching. Other information concerning requirements and amendments to certification are specified in Parts 52.2 and 80 of the current NYS Education Department regulations. (M.S.T. candidates should consult with the Office of Certification and Graduate Advising, Sibley 302A, 518-564-2124.)

Shared Vision

The professional education faculty at SUNY Plattsburgh engages in the professional development of educators at both the undergraduate and graduate level. Our purpose is to prepare educators who are competent, caring, and qualified relative to NYSED standards; who are anchored in the college’s commitment to the liberal arts; and who endeavor to practice effective pedagogy, reflect critically upon teaching and the learning process, and exemplify ethical, human, and democratic principles within a complex, technological, global society. Concurrent with academic study, our professional teacher education programs call upon our students and school leaders to engage in a process of socialization into the profession through early and continuous learning experiences and mentorship. In partnership with college departments, schools, and communities, our professional education programs prepare reflective, facilitative educators at the initial level, and proficient reflective educators at the advanced level. Both levels use scholarship, research, and exploration of effective practices in the education professions.

The professional education faculty shared vision ensures coherence among content knowledge, pedagogy, field experiences, and student performance that is assessed in both a formative and summative manner for all teacher-preparation programs. The shared vision reflects our commitment to diversity and technology across the curriculum, and dedication to preparing our education majors to work with students with culturally and ethnically diverse backgrounds and students with disabilities—all students. The faculty is committed to preparing graduates who engage in facilitative actions learned, reflected upon, and understood to teach and enlighten others.

The portion of our shared vision that most provides clarity, coherence, and continuity among our program areas is embedded in the following nine themes, a body of agreed-upon common goals that serve to both underlie and support SUNY Plattsburgh’s claims for program accreditation.

Knowledge of Content

Theme 1: Content in Context - Effective teachers know their content area and its disciplinary learning standards and adapt teaching strategies to match the needs of diverse learners.

Theme 2: Learning Environments - Effective teachers understand human behaviors and interactions and how those influence the learning environment.

Theme 3: Technology - Effective teachers use technology appropriately to improve instruction and communication.

Knowledge of Pedagogy

Theme 4: Assessment - Effective teachers use assessment to guide their teaching.

Theme 5: Critical Thinking and Problem Solving - Effective teachers develop their pupils’ capabilities in critical thinking, problem solving and decision making.

Theme 6: Recursive Learning - Effective teachers use developmentally appropriate and sequenced curriculum models supporting a coherent knowledge base which progressively builds upon itself.

Professional Skills

Theme 7: Collaboration - Effective teachers collaborate with all of those responsible for student development.

Theme 8: Modeling - Effective teachers exhibit professional commitment which is evident to their students.

Theme 9: Multiculturalism and Diversity - Effective teachers value the dignity, talents and experiences of diverse students from many cultures and backgrounds.
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

Degrees and Programs in Education
Childhood Education (Grades 1-6):
The Bachelor of Science requires at least 60 credit hours in liberal arts, including electives. Childhood education majors select an appropriate area of academic concentration from art, biology, chemistry, earth science, English, French, mathematics, music, social studies, or Spanish.

Special Education:
See the Graduate Programs section of this catalog for programs in special education and consult our Web site www.plattsburgh.edu/academics/education.

Adolescence Education (7-12):
See combined B.A./M.S.T. programs in biology, chemistry, English, French, geology, history, mathematics, physics, and Spanish in the Combined Programs Section of this catalog.

M.S.T. and M.S.Ed.:
For graduate programs in education, see the Graduate Programs section of this catalog.

Study Away Programs and Initiatives in Education:
SUNY Plattsburgh has semester or full academic year exchange programs with a number of colleges and universities in a variety of countries. In addition, short-term study away initiatives (1 to 3 weeks) during the winter or summer sessions may also be available. Teacher education majors are advised to plan early for a semester or year abroad in consultation with their academic advisor. The program is coordinated by the Office of Global Education.

Branch Campus:
Students with junior standing may pursue a B.S. in Childhood Education program at SUNY Plattsburgh’s Branch Campus at Adirondack Community College in Queensbury, N.Y. For more information on the Branch Campus, see Branch Campus in the Regional, Local, and Campus Overview section of this catalog.

Requirements for All Education Programs
Fingerprinting:
Education majors seeking teacher certification must have their fingerprints taken and sent to the NYSED. Fingerprinting packets are available in the Office of Field Experience and Student Teaching, Sibley 300. (Application for fingerprint clearance may also be done on line; see www.nysed.gov/tcert/)

Child Abuse and Neglect Instruction:
Education majors seeking teaching certification must complete a minimum of two clock hours of instruction regarding the identification and reporting of child abuse and maltreatment. If this requirement has not been met by completing HED 310 or an equivalent course at Plattsburgh, candidates should contact their local BOCES for further information. A copy of the BOCES certificate of completion must be forwarded by the student to the Registrar’s Office for annotation on the student’s academic record.

School Violence Prevention and Intervention
Instruction:
Education majors seeking teaching certification must complete a minimum of two clock hours of instruction in School Violence Prevention and Intervention. Students completing HED 310 at SUNY Plattsburgh after the fall 2000 semester, EDU5110, or EDU5120 will have met this requirement. All others should call their local BOCES for further information. A copy of the BOCES certificate of completion must be forwarded by the student to the Registrar’s Office for annotation on the student’s academic record.

Language Requirement (other than English):
All teacher education students must complete a two-semester, beginning-level sequence, or its equivalent, in French, German, Gaelic, Italian, Portuguese, Russian, Spanish, or American Sign Language. (See the foreign language chairperson for further details.) The second semester foreign language course also satisfies SUNY Plattsburgh’s general education foreign language requirement. Students who have satisfied SUNY Plattsburgh’s general education foreign language requirement with a score of 85 or higher on the Regents exam plus four or more years of high school courses in the same foreign language, through a CLEP exam, or through SUNY Plattsburgh’s placement exam have met this certification requirement.

General Education Requirements:
Education majors must complete all SUNY Plattsburgh general education requirements, which are intended to provide the skills, breadth of knowledge, and the perspectives that all college graduates should have beyond their major.

Continuing Enrollment Requirements for All Undergraduate Education Programs
All education majors and transfer students seeking to enter an education program must meet the following eligibility requirements for ALL education programs:

1. Minimum overall GPA of at least 2.75 to enter and remain in the program. Education majors who fall below a 2.75 minimum GPA will be dismissed from the program or considered for academic probation.
2. Minimum grade of 2.0 in English 101.
3. A grade of C or better in all required education courses in order to continue to the next higher level in the education sequence.

An advisor will assist students in making appropriate professional decisions.

Pre-Student Teaching Education Program and Field Experience (Practicums/Internships/Blocks)
Successful progression through the education program requires satisfactory attainment of prescribed competencies. These competencies are gained through
a planned sequence of courses that contribute to a required developmental portfolio. This theory-based, experience-oriented program culminates in a senior field experience (student teaching). The student is held responsible for any arrangements and expenses incurred for transportation while assigned to field-based experiences in any of the sequences.

Senior Field Experience (Student Teaching)
Student teachers test ideas, assume responsibility, and develop teaching competencies. Childhood education majors participate in student teaching at both the primary and intermediate levels. At the beginning of every spring semester, ALL education majors qualified to student teach during the following fall or spring semester must attend a mandatory student teaching application session. SUNY Plattsburgh operates senior field experience centers in various geographic areas extending from the Canadian border to Malone, and south to the Glens Falls, Albany, and New York City regions. Senior field experience assignments are limited to these geographic regions. Students may be required to relocate to any of these regions, with the exception of New York City. All placements are arranged by the Office of Field Experience and Student Teaching. No additional coursework may be taken concurrent with Student Teaching.

Admission to the Senior Field Experience (Student Teaching)
Education majors must meet certain requirements to qualify for admission to the senior field experience (student teaching). These are:

1. Attendance in the spring semester (1 to 2 semesters prior to student teaching) at a mandatory student teaching application session;
2. Completion of the appropriate student teaching application form and all other required data forms;
3. Minimum grade of C in ENG 101 Composition (or ENG 101 College Writing II);
4. Completion of all required coursework in general education and area of concentration;
5. A minimum grade of C in all concentration courses;
6. Completion of all required professional education courses through the semester preceding the senior field experience with no grade below a C;
7. Completion of all required work in the academic specialization by the semester preceding the senior field experience;
8. Certification by a physician that the student is apparently free from physical and mental conditions which might prevent the student from participating in the senior field experience;
9. Demonstrated competency in written expression;
10. Certification by the Dean of Students that the student’s standing in the college community (as reflected in her/his conduct) is such as to ensure reasonable effectiveness in pupil, faculty, and community relations; and
11. Completion of portfolio materials in keeping with program guidelines.

Final decisions regarding admission to the senior field experience are made by the college’s director of field experiences and student teaching upon the recommendation of the teacher education faculty. NOTE: No other courses can be taken during student teaching.

Graduation (Exit) Requirements for All Education Programs
In order to graduate from SUNY Plattsburgh with a degree in education, undergraduates must meet the following graduation (exit) requirements:

1. Completion of all general education, concentration, and professional education course requirements;
2. Minimum overall GPA of 2.75;
3. No education courses including HED 310 below a C;
4. Successful completion of student teaching (P);
5. HED 310 or its equivalent (must include substance abuse awareness, child abuse and neglect, and school violence prevention and intervention instruction);
6. Completion of foreign language requirement;
7. Completion of all field-related requirements; and
8. Application for graduation.

NOTE: Failure to complete student teaching successfully prohibits a student from obtaining a degree in education.

In order to get NYS teacher certification, one must pass three NYSTCE exams (LAST, ATS-W, CST); submit a fingerprint package to NYS; accept TEACH waiver consent on Banner Web account; and apply for NYS teacher certification.

CHILDHOOD EDUCATION (GRADES 1 - 6) MAJOR
Bachelor of Science
(Main Campus)

NOTE: For the B.S. Childhood Education Program available at SUNY Plattsburgh’s Branch Campus, see the program following this one.

MAJOR REQUIREMENTS CREDITS

A. Departmental Requirements: (50 cr.)

EDU 118 Human Growth and Development (3 cr.)
EDU 120 Exploring Teaching, Learning, and Human Development (3 cr.)
EDU 130 Ethics, Relationships, and Multicultural Competencies in Education (3 cr.)
EDU 230 Social Contexts in Learning I (3 cr.)
EDU 240 Social Contexts in Learning II (3 cr.)
EDU 325 Foundations: Pedagogy in Reading and Writing, Technology and Special Education (AWR) (7 cr.)
EDU 335 Application: Connecting Pedagogy,
Methods, and Integrated Literacy to Disciplines (Science, Social Studies, Math, Language Arts) (AWR) (7 cr.)

EDU 465 Curriculum Design: Implementation of Integrated Instruction Planning, Assessment of Student Learning, and Classroom Community/Organization (AWR) (7 cr.)

EDU 475 Practitioner Research in the Classroom (2 cr.)

EDT 494 Student Teaching and Professional Seminar: Democracy in Education (12 cr.)

B. Cognate Requirements (3-10 credits)

HED 310 Foundations of Personal Health* (3 cr.)

MAT 110 Modern Math/Elem Teachers** (3 cr.)

Natural Science with a lab** (4 cr.)

*To be completed prior to EDT 494

**If not completed as part of the Concentration

C. Concentration (30-39 credits) One of the following:

a. Art Concentration (Curr. 0179): 30 cr.
   1. ART course from GE4 (3 cr.)
   2. Select three courses (9 cr.):
      ART 161 Introduction to Drawing (3 cr.)
      ART 137 Western Art: Ancient to Medieval (3 cr.)
      ART 139 Western Art: Renaissance to Present (3 cr.)
   3. Select one course: (3 cr.)
      ART 104 Basic Design: 2-D (3 cr.)
      ART 205 Introduction to Graphic Design (3 cr.)
      ART 211 Introduction to Photography (3 cr.)
      ART 221 Introduction to Painting (3 cr.)
      ART 231 3-D Design/Intro. to Sculpture (3 cr.)
      ART 255 Introduction to Ceramics (3 cr.)
      ART 280 Introduction to Printmaking (3 cr.)
      ART 281 Printmaking: Women's Narrative (3 cr.)
   4. Select four courses: (12 cr.)
      ART 342 Greek and Roman Art (3 cr.)
      ART 343 Medieval Art (3 cr.)
      ART 344 Renaissance Art (3 cr.)
      ART 345 Baroque and Rococo Art (3 cr.)
      ART 346 19th Century-European Art: Neo-Classicism to Impressionism (3 cr.)
      ART 347 Modern Art from Post-Impressionism to Surrealism (3 cr.)
   5. Electives (3 cr.): Select an additional course by advisement from section 1, 2, or 3 listed above.

b. Biology Concentration (Curr. 0190): 30 cr.
   Core Requirements: (20 cr.)
   1. BIO 101 General Biology I (4 cr.)
   2. BIO 102 General Biology II (4 cr.)
   3. Twelve credits of biology (200 level or above) by advisement (12)
   Cognate Requirements: (10 cr.)

   1. CHE 101 General Chemistry (4 cr.)
   2. Select one course: (3-4 cr.)
      AST 101/AST 102 Introduction to Astronomy (3-4 cr.)
      GEL 101 Physical Geology (4 cr.)
      MET 101/MET 102 Introduction to Meteorology (3-4 cr.)
      PHY 101/PHY 102 Introduction to Physics (4 cr.)
   3. Select 2-3 credits from any science at the 200 level or above.

c. Chemistry Concentration (Curr. 0191): 30 cr.
   Core Requirements: (20 cr.)
   1. CHE 111 Fundamental Principles of Chemistry I (4 cr.)
   2. CHE 112 Fundamental Principles of Chemistry II (4 cr.)
   3. Twelve credits of chemistry (200 level or above) by advisement (12)
   Cognate Requirements: (10 cr.)
   1. Any BIO course (4 cr.)
   2. Select one course:
      AST 101/AST 102 Introduction to Astronomy (3-4 cr.)
      GEL 101 Physical Geology (4 cr.)
      MET 101/MET 102 Introduction to Meteorology (3-4 cr.)
      PHY 101/PHY 102 Introduction to Physics (3-4 cr.)
   3. Select 2-3 credits from any science at the 200 level or above.

d. Earth Science Concentration (Curr. 0192): 30 cr.
   Core Requirements: (22 cr.)
   1. GEL 101 Physical Geology (4 cr.)
   2. GEL 102 Evolution of the Earth (4 cr.)
   3. PHY 120 Conceptual Physics (4 cr.) or One life or environmental science or astronomy course (200 level or above) by advisement (3-4 cr.)
   4. Ten to eleven credits of earth science (200 level or above) by advisement (10-11)
   Cognate Requirements: (8 cr.)
   1. CHE 100 Introduction to Chemistry (4 cr.) or CHE 101 General Chemistry I (4 cr.)
   2. PHY 101 Introduction to Physics (4 cr.)

 e. English Concentration (Curr. 0149): 30 cr.
   1. ENG course from GE4 (3 cr.)
   2. Select three additional credits from GE4 Humanities or other appropriate study areas (3 cr.)
   3. American Literature (6 cr.)
   4. Children's Literature (3 cr.)
   5. Literature Electives (9 cr.) (6 cr. must be 300/400 level)
   6. Writing Elective (3 cr. at 300/400 level; ENG 301, 305 or 390 recommended)
   7. Literature or Writing Elective (3 cr.)

 f. French Concentration (Curr. 0169): 30 cr.
   1. ANT 102 Comparative Cultures (3 cr.)
2. Area Studies (3 cr.)
   FRE 348 French Civilization in English (3 cr.)
   or
   FRE 341 French Literature (3 cr.)
3. Language Studies (6 cr.)
   FRE 213 Intermediate French I (3 cr.)
   FRE 214 Intermediate French II (3 cr.)
4. Advanced Language Studies (15 cr.)
   To be satisfied by 300/400 level FRE courses,
   equivalent study abroad experience in a
   Francophone country preferably in the sophomore
   or junior year, or a combination of both.
5. Methodology
   FRE 496 French Foreign Language
   Methodology (3 cr.)

- Mathematics Concentration (Curr. 0148): 30 cr.
  1. MAT 161 Introductory Statistics (3 cr.)
  2. Each of the following courses: (12 cr.)
     CSC 121 Introduction to Computing and the
     Web (3 cr.)
     MAT 110 Modern Math for Elementary
     Teachers I (3 cr.)
     MAT 111 Modern Math for Elementary
     Teachers II (3 cr.)
     MAT 153 College Geometry (3 cr.)
  3. Elective courses by advisement: (15 cr.)
     MAT 102 Precalculus (3 cr.)
     MAT 131 Quantitative Reasoning in Basic
     Math (3 cr.)
     MAT 133 Mathematics in Context (3 cr.)
     MAT 163 Finite Mathematics (3 cr.)
     MAT 202 Linear Algebra I (3 cr.)
     MAT 221 Calculus I (3 cr.)
     MAT 224 Calculus I (4 cr.)
     MAT 225 Calculus II (3 cr.)
     MAT 225 Calculus II (3-4 cr.)
     MAT 231 Sets, Functions and Relations (3 cr.)
     MAT 301 Intro. to Abstract Algebra (3 cr.)
     MAT 302 Linear Algebra II (3 cr.)
     MAT 326 Calculus III (4 cr.)
     MAT 353 Geometry (3 cr.)
     MAT 361 Probability and Statistics (3 cr.)
     MAT 365 Probability Models (3 cr.)

*Courses with a prerequisite of Calculus I or a
higher level mathematics course.

- Music Concentration (Curr. 0181): 33-39 cr.
  Students wishing to declare the music
  concentration must first pass an audition on their
  principal instrument. Please consult the Music
  Department Chairperson in order to schedule an
  audition.

- Music Fundamentals: (4-10 cr.)
  1. MUS 100 Introductory Music Symposium (1 cr.)
  2. Select one of the following:
     MUS 110 Music Appreciation (3 cr.)
     MUS 111 World Music (3 cr.)
     MUS 112 Jazz History (3 cr.)
     MUS 114 American Pop: North and South
     (3 cr.)
     MUS 115 Musical Theatre (3 cr.)
     MUS 116 Latin American and Caribbean Music
     (3 cr.)
     MUS 120 Fundamental Musicianship (3 cr.)
     MUS 283 Piano Class (3 cr.)
     MUS 293 Guitar Class (3 cr.)
     MUS 301 History of Western Music:
     Antiquity-1750 (3 cr.)
     MUS 302 History of Western Music:
     1750-Present (3 cr.)
     MUS 305 Introduction to Music Technology
     (3 cr.)
     MUS 383 Piano Class II (3 cr.)

Music Theory and Applications: (12 cr.)
  1. MUS 121 Music Theory and Skills I (3 cr.)
  2. MUS 220 Music Theory and Skills II (3 cr.)
  3. MUS 305 Introduction to Music Technology
     (3 cr.)
  4. MUS 383 Piano Class II (3 cr.)

Music History: (3 cr.) Select one of the following:
  MUS 301 History of Western Music:
  Antiquity-1750 (3 cr.)
  MUS 302 History of Western Music:
  1750-Present (3 cr.)

Music Synthesis: (6 cr.)
  1. MUS 310 Topics in Music (AWR) (3 cr.)
  2. MUS 485 Senior Seminar (3 cr.)

Music Performance: (5 cr.)
  1. Applied Instrumental or Vocal Instruction (2 cr.)
     (1 credit per semester)
  2. Performance Ensembles (3 cr.)

Upper-Level Music Elective: (3 cr.)
  Select one course:
  MUS 301 History of Western Music: Antiquity
  to 1750 (3 cr.)
  MUS 302 History of Western Music: 1750 to
  Present (3 cr.)
  MUS 335 Lyric Scenes Workshop (3 cr.)
  MUS 391-MUS 398 Performing Ensembles (3 cr.)
  (may not be used to fulfill 3-credit
  Performance Ensemble requirement)

Instrumental or Vocal Instruction at the 300
level or above (3 cr.) (may not be used to fulfill
Music Performance requirement)

Upper Level Courses (total of 18 cr. required)
  Select six courses:
  MUS 301 History of Western Music: Antiquity
  to 1750 (3 cr.) Fall
  MUS 302 History of Western Music: 1750 to
  Present (3 cr.) Spring
  MUS 335 Lyric Scenes Workshop (3 cr.)
  MUS 391-398 Performing Ensembles (3 cr.)
  (may not be used to fulfill 3-credit
  Performance Ensemble requirement)
  MUS 383 Piano Class II (3 cr.) Fall-Spring
  MUS 391-398 (3 cr.) Fall-Spring
  MUS 485 Senior Seminar (3 cr.) Spring

Applied Instrumental or Vocal Instruction at
300-level or above (3 cr.)

NOTE: All students enrolled in private
instrumental or vocal instruction are required to:
1. Participate in a performing ensemble, selected in consultation with music faculty;
2. Attend three to four performance classes each semester (schedule will be announced at the beginning of each semester);
3. Present a solo performance each semester (performance class, studio class, or public event);
4. Attend five musical performances presented or sponsored by the Music Department (a calendar of recitals/concerts will be available during the first week of each semester); and
5. Serve as a volunteer for one Music Department event.

i. Social Studies Concentration (Curr. 0146): 30 cr.
   1. PSY 101 General Psychology (3 cr.)
   2. SOC 101 Intro. to Sociology (3 cr.)
   3. Anthropology (ANT 102 recommended) (3 cr.)
   4. Economics (ECO 101 recommended) (3 cr.)
   5. Geography (GEG 120, 121, 123 or 124) (3 cr.)
   6. History (HIS 101, 102, 121 or 122) (3 cr.);
      Must be a U.S. history course used to satisfy a general education requirement.
   7. Political Science (PSC 311 recommended) (3 cr.)
   8. In-depth Study (9 cr.): Select, with advisement, a cluster of 3 courses (300 level or above) in any one of the following disciplines: psychology, sociology, anthropology, economics, history, geography, Latin American studies, Canadian studies, political science, or an approved interdisciplinary cluster.

j. Spanish Concentration (Curr. 0132): 30 cr.
   1. ANT 102 Comparative Cultures (3 cr.)
   2. Area studies (3 cr.)
      HIS 161 Latin America 1492-1825 (3 cr.) or
      HIS 162 Middle & Modern Latin America (3 cr.)
   3. Language Studies (6 cr.)
      SPA 213 Intermediate Spanish I (3 cr.)
      SPA 214 Intermediate Spanish II (3 cr.)
   4. Advanced Language Studies (15 cr.)
      To be satisfied by 300/400 level SPA courses, equivalent study abroad experience in a Spanish-speaking country preferably in the sophomore or junior year, or a combination of both.
   5. Methodology (3 cr.)
      SPA 496 Spanish Foreign Language Methodology (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum of 60 liberal arts credits.
2. A successfully completed portfolio including artifacts demonstrating development in program theme areas.
3. See the overall description of SUNY Plattsburgh’s education programs for detailed information pertaining to the following:
   a. Language requirement (other than English)
   b. Student teaching admission requirements
   c. Minimum grade of C in all required education courses.

CHILDHOOD EDUCATION
(GRADES 1 - 6) MAJOR
Bachelor of Science
(Branch Campus at ACC)

NOTE: This program is available at SUNY Plattsburgh’s Branch Campus only. For the B.S. Childhood Education program available at SUNY Plattsburgh’s Main Campus, see the previous program.

MAJOR REQUIREMENTS 83

A GPA of 2.5 is required before a student can be admitted into any required education course.

A. Departmental Requirements: (50 cr.)

Professional Education (suggested sequence)
EDU 330 Exploring Educational Issues Through Writing (AWR) (3 cr.)

Semester One: (16 cr.)
EDR 315 Multicultural Competencies and the Language Arts (3 cr.)
EDU 357 Use of Media in Education (1 cr.)
EDU 371 Psychological Foundations of Elementary Education (6 cr.)
EDU 380 Topics: Social Foundations of Education (3 cr.)
EDU 391 Science for Elem. School Teachers (for non-science majors) (3 cr.)

Semester Two: (16 cr.)
EDR 318 Fundamentals of Reading Curriculum and Instruction (3 cr.)
EDU 393 Special Needs in the Elementary Classroom (1 cr.)
EDU 394 Block II: Elementary Curriculum and Instruction (6 cr.)
EDU 432 Teaching Social Studies K-9 (3 cr.)
EDM 453 Introduction to Teaching/Learning Elementary Mathematics (3 cr.)

Semester Three: (15 cr.)
EDT 494 Student Teaching (15 cr.)

B. Cognate Requirements: (3 cr.)
To be met prior to Student Teaching:
HED 310 Foundations of Personal Health (3 cr.)

B. Cognate Requirements: (3 cr.)
To be met prior to Student Teaching:
HED 310 Foundations of Personal Health (3 cr.)

C. Concentration (30 credits)
See Childhood Education (Grades 1 - 6) (Main Campus) for requirements for the following concentrations available at the Branch Campus
1. English (Curr. 0224)
2. Mathematics (Curr. 0225)
3. Social Studies (Curr. 0223)

TOTAL CREDITS minimum 120
(including General Education Requirements)
ADDITIONAL DEGREE REQUIREMENTS

1. A minimum of 60 liberal arts credits.
2. See the overall description of SUNY Plattsburgh's education programs for detailed information regarding:
   a. Language requirement (other than English)
   b. Student teaching admission requirements
   c. Min. grade of C in all required education courses.

ADOLESCENCE EDUCATION (7-12)

See the Combined Programs section of this catalog for combined B.A./M.S.T. programs in biology, chemistry, English, French, geology, history, mathematics, physics, and Spanish. These programs lead to a B.A. in the respective discipline, an M.S.T. in Adolescence Education, and initial/professional certification in Biology 7-12, Chemistry 7-12, English 7-12, French 7-12, Earth Science 7-12, Mathematics 7-12, Physics 7-12, Social Studies 7-12, and Spanish 7-12 respectively.

SPECIAL EDUCATION

See the Graduate Programs section of this catalog for programs in special education and consult our Web site www.plattsburgh.edu/academics/education.

THEATRE DEPARTMENT

Professors: J. Shout, T. Palkovic (chairperson)
Associate Professor: K. Hartshorn
Instructional Support: M. Barber, B. Brown
Technical Support: B. Wright
Adjunct Faculty: Four positions

The department offers a B.A. and provides a variety of courses for all students at SUNY Plattsburgh. The B.A. allows specialization in theatre arts within the liberal arts tradition. Course work emphasizes creative expression, critical analysis, historical perspective, and technical training. A minor program is available to complement other majors or to provide self-enrichment. The 400-seat Hartman Theatre and black box studio theatre are supported by a scene studio and a costume studio within the Myers Fine Arts Building. Reference the index for the theatre minor requirements.

NYS CERTIFICATION EXAM PASS RATES*

PROGRAM YEAR: 2006 - 2007
Total Number of Eligible Program Completers: 250

<table>
<thead>
<tr>
<th>Test Field / Category</th>
<th>Number Tested</th>
<th>Number Passed</th>
<th>Pass Rate</th>
<th>Statewide Pass Rate</th>
</tr>
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<tbody>
<tr>
<td>Professional Knowledge / Pedagogy</td>
<td>230</td>
<td>230</td>
<td>100%</td>
<td>99%</td>
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<tr>
<td>ATS-W</td>
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<tr>
<td>Academic Content Areas</td>
<td>201</td>
<td>196</td>
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<td>Aggregate</td>
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<td>Other Content Areas</td>
<td>232</td>
<td>231</td>
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<td>98%</td>
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<tr>
<td>LAST</td>
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<tr>
<td>Teaching Special Populations</td>
<td>67</td>
<td>62</td>
<td>93%</td>
<td>93%</td>
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<tr>
<td>Summary Totals and Pass Rates</td>
<td>242</td>
<td>236</td>
<td>98%</td>
<td>94%</td>
</tr>
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NOTES:
ATS-W = NYSTCE Assessment of Teaching Skills-Written-elementary or secondary version
LAST = NYSTCE Liberal Arts and Sciences Test

* Federal legislation requires that the teacher certification examination pass rates for teacher education program completers be posted for review by prospective students. These are the most recent data available at the time of publication. The latest pass rates are posted online at www.plattsburgh.edu/offices/admin/ir/teachercertification.php.
THEATRE MAJOR
Bachelor of Arts
Curriculum 0724 Requirements

<table>
<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CREDITS</th>
</tr>
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<tbody>
<tr>
<td>I. Theatre Core</td>
<td>13 cr.</td>
</tr>
<tr>
<td>THE 104 Stagecraft</td>
<td>3 cr.</td>
</tr>
<tr>
<td>THE 106 Introduction to Acting</td>
<td>3 cr.</td>
</tr>
<tr>
<td>THE 318 Playwriting (AWR)</td>
<td>3 cr.</td>
</tr>
<tr>
<td>THE 390 Practicum (must be taken three times)</td>
<td>3 cr.</td>
</tr>
<tr>
<td>THE 395 Junior Seminar</td>
<td>1 cr.</td>
</tr>
<tr>
<td>II. Electives in Theatre Performance</td>
<td>6-8 cr.</td>
</tr>
<tr>
<td>Any two of the following:</td>
<td></td>
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<tr>
<td>THE 205 Creative Drama</td>
<td>3 cr.</td>
</tr>
<tr>
<td>THE 206 Acting with the Voice</td>
<td>3 cr.</td>
</tr>
<tr>
<td>THE 217 Movement Study</td>
<td>3 cr.</td>
</tr>
<tr>
<td>THE 305 Story Dramatization</td>
<td>4 cr.</td>
</tr>
<tr>
<td>THE 306 Scene Study</td>
<td>4 cr.</td>
</tr>
<tr>
<td>THE 317 Dance &amp; Creative Process</td>
<td>3 cr.</td>
</tr>
<tr>
<td>THE 406 Acting Technique</td>
<td>3 cr.</td>
</tr>
<tr>
<td>THE 419 Styles of Acting</td>
<td>3 cr.</td>
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<tr>
<td>III. Electives in Theatre Production</td>
<td>7-8 cr.</td>
</tr>
<tr>
<td>Any two of the following:</td>
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<tr>
<td>THE 303 Production Design</td>
<td>4 cr.</td>
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<tr>
<td>THE 308 Masks and Makeup</td>
<td>4 cr.</td>
</tr>
<tr>
<td>THE 340 Visual Styles in Theatre</td>
<td>3 cr.</td>
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<tr>
<td>IV. Electives in Dramatic Literature/History</td>
<td>6-7 cr.</td>
</tr>
<tr>
<td>Any two of the following:</td>
<td></td>
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<tr>
<td>THE 110 Introduction to Theatre Art</td>
<td>3 cr.</td>
</tr>
<tr>
<td>THE 245 American Drama</td>
<td>3 cr.</td>
</tr>
<tr>
<td>THE 301 Theatre History</td>
<td>4 cr.</td>
</tr>
<tr>
<td>THE 311 Performance &amp; Spectator</td>
<td>3 cr.</td>
</tr>
<tr>
<td>THE 456 Modern Drama: 1880-1925</td>
<td>3 cr.</td>
</tr>
<tr>
<td>THE 457 World Drama Since 1925</td>
<td>3 cr.</td>
</tr>
<tr>
<td>V. Capstone Requirement</td>
<td>3 cr.</td>
</tr>
<tr>
<td>THE 490 Senior Project</td>
<td>3 cr.</td>
</tr>
<tr>
<td>VI. Electives in Theatre</td>
<td>3-7 cr.</td>
</tr>
<tr>
<td>Select sufficient additional THE courses to bring the total THE credits completed to a minimum of 42.</td>
<td></td>
</tr>
</tbody>
</table>

TOTAL CREDITS minimum 120 (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. Transfer students are required to complete at least 18 credit hours of upper-division course work in theatre at SUNY Plattsburgh.
2. A minimum overall GPA of 2.0 in all theatre (THE) courses.

WOMEN’S STUDIES
DEPARTMENT

Associate Professor: S. Sharoni (chairperson)  
Assistant Professor: C. Oxford  
Lecturer: K. Branagan  
Adjunct Faculty: Four positions

Women’s Studies broadens students' knowledge and awareness of gender dynamics. In our interdisciplinary courses, students learn about feminism as a powerful analytical framework. They examine how social and cultural institutions have historically treated men and women differently and how these differences reinforced the economic, social, and political disadvantage of women.

We treat gender as a socially constructed category and the issues we address in our courses provide students with tools to critically examine their own identity, social location, and relationships. We pay particular attention to issues of power, privilege, and structured inequalities by learning how gender intersects with other differences, including, but not limited to, those based on race, class, sexual orientation, age, ability, religion and culture. We also consider inspiring accounts of activism and struggles for gender equality and social justice across cultures and contexts, both locally and globally.

Our curriculum is comprised of several required courses for majors and minors, Women’s Studies electives, as well as electives taught in other departments. Students choose a major in Women’s Studies, or a minor in Women’s Studies (paired with a major in another field). Although it is not required, many of our majors chose a second major in another field. In addition to pursuing their course work, students are encouraged to participate in student organizations and to attend our forums and special events. We nurture our students and seek to enhance their personal and intellectual journeys through close mentoring, regular advising, internships, independent studies, teaching assistantships, and unique study abroad opportunities.

Many of our graduates choose to pursue advanced degrees in Women’s Studies or related fields. Others find careers in politics, international organizations, community leadership, education, social work, health care, business and the arts.

WOMEN’S STUDIES MAJOR
Bachelor of Arts
Curriculum 0493 Requirements

<table>
<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>A. Departmental Requirements: (36 cr.)</td>
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<tr>
<td>1. WMS 101 Introduction to Gender and Women's Studies</td>
<td>3 cr.</td>
</tr>
<tr>
<td>2. WMS 302 Feminist Theory</td>
<td>3 cr.</td>
</tr>
<tr>
<td>3. WMS 301 Global Gender Issues</td>
<td>3 cr.</td>
</tr>
</tbody>
</table>
4. WMS 455 Feminist Studies: Integration and Application (AWR) (3 cr.)

5. 12 credits in disciplinary clusters (one course in each of two of the following categories; two courses in the remaining categories):

   a. Historical and Social Sciences Cluster
      ANT 303 Sexuality and Culture (3 cr.)
      HIS 303 History of the American Woman (3 cr.)
      HIS 309 History of the American Family (3 cr.)
      HIS 320 History of U.S. Youth Culture (3 cr.)
      HIS 355 Gender and Migration in the World (3 cr.)
      HIS 370 History of Canadian Women (3 cr.)
      HIS 381 Women in East Asian History (3 cr.)
      PSC 348 Gender Politics (3 cr.)
      PSY 460 Psychology of Women (3 cr.)
      SOC 305 Sociology of Women (3 cr.)
      WMS 315 Women and the Law (3 cr.)

   b. Arts and Humanities Cluster
      ART 274 Women in Art (3 cr.)
      ART 281 Printmaking: Women’s Narratives (3 cr.)
      ENG 371 Modern American Women Writers (3 cr.)
      WMS 319 Women and Popular Culture (3 cr.)

   c. Global, International, or Cross-Cultural Contexts Cluster
      AAS 303 Black Women in contemporary Society (3 cr.)
      ANT 303 Sexuality and Culture (3 cr.)
      WMS 204 Women in Cross-Cultural Perspective (3 cr.)
      WMS 360 Lesbian and Gay Studies (3 cr.)

6. Electives (12 cr.):
   (9 cr. must be at the 300/400 level, and courses may not fulfill another requirement.)
   AAS 303 Black Women in contemporary Society (3 cr.)
   ANT 303 Sexuality and Culture (3 cr.)
   ANT 351 Women in Cross-Cultural Perspective (3 cr.)

   ART 274 Women in Art (3 cr.)
   ART 281 Printmaking: Women’s Narratives (3 cr.)
   ENG 371 Modern American Women Writers (3 cr.)
   HIS 303 History of the American Woman (3 cr.)
   HIS 309 History of the American Family (3 cr.)
   HIS 320 History of U.S. Youth Culture (3 cr.)
   HIS 355 Gender and Migration in the World (3 cr.)
   HIS 370 History of Canadian Women (3 cr.)
   HIS 381 Women in East Asian History (3 cr.)
   MGM 434 Gender and Management: Issues and Strategies (3 cr.)
   NUR 289 Perspectives in Women’s Health (3 cr.)
   PSC 348 Gender Politics (3 cr.)
   PSY 460 Psychology of Women (3 cr.)
   SOC 305 Sociology of Women (3 cr.)
   WMS 200 Topics in Women’s Studies (3 cr.)
   WMS 204 Women of Color in U.S. Society (3 cr.)
   WMS 289 Perspectives in Women’s Health (3 cr.)
   WMS 300 Advanced Topics in Women’s Studies (3 cr.)
   WMS 315 Women and the Law (3 cr.)
   WMS 319 Women and Popular Culture (3 cr.)
   WMS 496 Teaching Internship in Women’s Studies
   WMS 497 Internship Seminar
   WMS 498 Internship
   WMS 499 Independent Study

B. Cognate Requirements (18 cr.)
   Minor in another field

TOTAL CREDITS minimum 120
(including General Education Requirements)