ANTHROPOLOGY
DEPARTMENT

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

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 human behavior 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

CREDITS

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.)
   ANT 320 Archaeology (3 cr.)
   ANT 328 Archaeological Site Excavation (6 cr.)
   ANT 330 Primates (3 cr.)
   LIN 221 Intro to General Linguistics (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 Culture and Disease (3 cr.)
   ANT 340 Culture and Belief (3 cr.)
   ANT 344 Comparative Soc Organizations (3 cr.)
   ANT 350 Utopian Societies (3 cr.)
   ANT 351 Women/Cross–Cultural Persp (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. 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.)

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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 student’s professional goals. The courses may be designed to prepare a student either for specialized graduate training in anthropology or for careers in allied fields. This requirement also may be satisfied by completion of an academic minor, a second major, internships, or a semester of study abroad.

**TOTAL CREDITS**

**minimum 120**

*(including General Education Requirements)*

**ADDITIONAL DEGREE REQUIREMENTS**

1. A minimum overall GPA of 2.0 in all anthropology (ANT) courses.

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**ART DEPARTMENT**

*University Distinguished Teaching Professor:*

R. Mikkelson

*Professor:*

D. Fine

*Associate Professors:*

K. Blough, D. Costanzo, B. Matthews, P. Russom (chairperson), N. Taber

*Assistant Professors:*

A. Goerlitz, S. Lezon, D. Powell

*Adjunct Faculty:*

Five positions

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 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 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, museum studies, and museum management. Art history courses introduce students to major artistic periods, styles, and concepts from prehistoric times to the present.

**Programs in Studio Art:** The art department offers two art studio options: the B.F.A. and the B.A. 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 permits students to combine in-depth study in studio art with either 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 di-
rect 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 over 4,400 historic 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

CREDITS

MAJOR REQUIREMENTS

A. Departmental Requirements: (37 cr.)

1. Foundation (13 cr.): Complete during the first two semesters, prior to other studio or art history courses.
   a. ART 102 Introduction to Art Symposium: New Majors (1 cr.)
   b. ART 104 Basic Design: 2-D (3 cr.)
   c. ART 137 Western Art: Ancient and Medieval (3 cr.)
   d. ART 139 Western Art: Renaissance to Present (3 cr.)
   e. 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: Neoclassicism 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.)
   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.)

1. Foreign language (6 cr.) or
2. History (6 cr.) or
3. Six additional studio arts credits (6 cr.) or
4. 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 19 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.)
      ART 474 Senior Art History Thesis (3 cr.)
   b. Studio art class (3 cr.)
   c. ART 102 Intro Art Symposium: New Majors (1 cr.)
   d. 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 slide portfolio is acceptable.
   Note: Only art courses equivalent to 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

CREDITS
43

MAJOR REQUIREMENTS
1. Foundation Courses: Complete during the first two semesters, prior to other studio or art history courses. (19 cr.)
   a. ART 102 Intro Art Symposium: New Majors (1 cr.)
   b. ART 104 Basic Design: 2-D (3 cr.)
   c. ART 137 Western Art: Ancient and Medieval (3 cr.)
   d. ART 139 Western Art: Renaissance to Present (3 cr.)
   e. ART 161 Introduction to Drawing (3 cr.)
   f. ART 231 Introduction to Sculpture (3 cr.)
   g. 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.)
   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
      ART 411 Photography V
      ART 418 Photography VI
      ART 419 Photography VII
   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
   ART 342 Greek and Roman Art
   ART 343 Medieval Art
   ART 344 Italian Renaissance Art
   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.)
ART 475  Art of the Book (AWR) (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 (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 19 credits in art courses at Plattsburgh and a total of 36 credits at Plattsburgh:
   a. Studio specialization sequence (9 cr.)
   b. Additional studio art classes (6 cr.)
   c. ART 102 Introduction to Art Symposium: New Majors (1 cr.)
   d. ART 471 Contemporary Art (AWR) (3 cr.) or ART 475 Art of the Book (AWR) (3 cr.)
   e. 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. 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 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 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.

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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 Impress. 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 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. (Contact the Art Department for specific requirements.) The portfolio may be submitted prior to, concurrent 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 41 credits in art courses at Plattsburgh State:
a. ART 102 Art Symposium (1 cr.)
b. Studio concentration (18 cr.)
c. Additional studio electives (12 cr.)
d. Art History elective (3 cr.)
e. ART 471 Contemporary Art (AWR) (3 cr.) or
   ART 475 Art of the Book (AWR) (3 cr.)
f. ART 472 and ART 473 (4 cr.)
   Transfer students will receive art major credit for art courses whose content is equivalent to Plattsburgh State 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 biochem-
Biochemistry Major
Bachelor of Science
Curriculum 0773 Requirements

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<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>1. MAT 161 Introductory Statistics (3 cr.)</td>
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<tr>
<td>2. BIO 101 General Biology I (4 cr.) *</td>
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<td>3. BIO 102 General Biology II (4 cr.) *</td>
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<td>4. PHY 111 General Physics I (4 cr.)</td>
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<td>5. PHY 112 General Physics II (4 cr.)</td>
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<td>6. BIO 305 General Genetics (4 cr.)</td>
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<td>7. BIO 380 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 Cell Biology (4 cr.) or BIO 490 Cellular Biochemistry Research Experience (AWR) (15 cr.)**</td>
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<td>9. BIO 495 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 Fund Principles of Chemistry I (4 cr.)</td>
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<td>11. CHE 112 Fund Principles of Chemistry II (4 cr.)</td>
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<td>12. CHE 241 Organic Chemistry I (4 cr.)</td>
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<td>13. CHE 242 Organic Chemistry II (4 cr.)</td>
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<td>14. CHE 401 Biochemistry I (3 cr.)</td>
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<td>15. CHE 402 Biochemistry II (3 cr.)</td>
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<td>16. CHE 421 Advanced Analytical Chemistry (Instrumental) (4 cr.)</td>
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<td>17. CHE 451 Physical Chemistry I (3 cr.)</td>
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<td>18. CHE 481 Biochemistry Lab (1 cr.)</td>
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<td>19. MAT 221 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 Calculus for Life, Management and Social Sciences II (3 cr.) or MAT 225 Calculus II (4 cr.)</td>
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TOTAL CREDITS 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.), Undergraduate Research (BIO 495, 3 cr.), Oral Expression (General Education Skills, 0 cr.), and five biology elective credits.

BIOLOGICAL SCIENCES DEPARTMENT

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

Biological sciences at 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 both 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; however, 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
Biochemistry: 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. 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. 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 Plattsburgh State does not guarantee placement in the clinical internship. 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, MA), Danbury Hospital (Danbury, CT), and Rochester General Hospital (Rochester, NY). 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.

Residency Requirement: 36 semester credits granted by Plattsburgh State, with 18 credits in the major field of study. The major field of study consists of the departmental and cognate (BIO, CHE, MAT) requirements. The additional senior residency requirement is not applicable for this program because the required clinical year internship is not counted toward residency.

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 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 Plattsburgh State. 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.

Recommended Course of Study

<table>
<thead>
<tr>
<th>First Semester</th>
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<tbody>
<tr>
<td>MAT 224 Calculus I (4 cr.)</td>
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<tr>
<td>CHE 111 Fund Principles of Chemistry I (4 cr.)</td>
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<td>BIO 101 General Biology I (4 cr.)</td>
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<td>ENG 101 Composition (3 cr.)</td>
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<td>LIB 105 Intro to Information and Technology Literacy (1 cr.)</td>
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<td>MAT 225 Calculus II (4 cr.)</td>
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<td>CHE 112 Fund Principles of Chemistry II (4 cr.)</td>
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<tr>
<td>BIO 102 General Biology II (4 cr.)</td>
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<td>PHY 111 General Physics I (4 cr.)</td>
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<td>CHE 241 Organic Chemistry I (4 cr.)</td>
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<td>BIO 305 Genetics (4 cr.)</td>
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<td>PHY 112 General Physics II (4 cr.)</td>
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<td>CHE 242 Organic Chemistry II (4 cr.)</td>
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<td>BIO 421 Principles Animal Physiology (4 cr.)</td>
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<tr>
<td>CHE 401 Biochemistry I (3 cr.)</td>
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<tr>
<td>CHE 481 Biochemistry Laboratory (1 cr.)</td>
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<td><strong>TOTAL CREDITS</strong></td>
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Biology Major
Bachelor of Arts
Curriculum 0302 Requirements

CREDITS 68-72

MAJOR REQUIREMENTS

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** (15 cr.)
8. BIO 401 Cell Biology (4 cr.) or
   BIO 490 Cellular Biochemistry Research Experience** (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 I (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 Intro to Statistics (3 cr.)
7. MAT 221 Calculus for Life, Management, & Social Sciences I (3 cr.) and
   MAT 222 Calculus for Life, Management, & Social Sciences II (3 cr.) or
   MAT 224 Calculus I (4 cr.) and
   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), the Advanced Writing Requirement (BIO 380, 3 cr.), Oral Expression (General Education Skills, 0 cr.), and eight biology elective credits.

Biology Major
Bachelor of Science
Curriculum 0303 Requirements

CREDITS 76-79

MAJOR REQUIREMENTS

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** (15 cr.)
8. BIO 401 Cell Biology (4 cr.) or
   BIO 490 Cellular Biochemistry Research Experience** (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 course excluding BIO 495 and BIO 496

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. CHE 371 General Biochemistry (4 cr.) or
   CHE 401 Biochemistry I (3 cr.) and
   CHE 481 Biochemistry Laboratory I (1 cr.)
8. MAT 161 Intro to Statistics (3 cr.)
9. MAT 221 Calculus for the Life, Management & Social Sciences I (3 cr.) and
   MAT 222 Calculus for the Life, Management & Social Sciences II (3 cr.) or
   MAT 224 Calculus I (4 cr.) and
   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 required 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 Plattsburgh State. 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
(Study Option in Optometry)
Curriculum 0733 Requirements

CREDITS 89

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 112 Fund. Principles of Chemistry II (4 cr.)
3. 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).

Cytotechnology Major
Bachelor of Science
Curriculum 0787 Requirements

CREDITS 94-103

MAJOR REQUIREMENTS: (34-43 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. Biochem Res Exp (AWR) (15 cr.)**
6. BIO 401 Cell Biology (4 cr.) or
   BIO 490 Cell. Biochem Res Exp (AWR) (15 cr.)**
7. BIO 407 Immunology (3-4 cr.)
8. BIO 326 Anatomy and Physiology (4 cr.)
9. BIO 327 Anatomy and Physiology II (4 cr.)
B. Cognate Requirements: (30 cr.)
1. Chemistry: (17 cr.)
   a. CHE 111 Fund. Prin 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.)
   b. 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***)

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Medical Technology Major
Bachelor of Science
Curriculum 0722 Requirements

CREDITS 94-107

MAJOR REQUIREMENTS
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.)
6. BIO 401 Cell Biology (4 cr.)
   or BIO 490 Cell. Biochem. Res. Exp (AWR) (15 cr.)**
7. BIO 407 Immunology (3-4 cr.)
8. 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 120-139
(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.
**** Students completing the clinical training in medical technology are exempt from the Integration component of the general education program.
Management and International Business Department

**Professors:** M. Djerndjouir, F. Moussa
**Associate Professors:** K. Choe, E. Chrysochome, R. Guydosh, K. O’Neill (chairperson), S. Paul
**Assistant Professor:** B. Neureuther, R. Rampal
**Lecturer:** S. Catana
**Adjunct Faculty:** Seven positions

Marketing and Entrepreneurship Department

**University Distinguished Service Professor:** N. Church (chairperson)
**Professor:** L. Heroux
**Associate Professor:** J. Csipak
**Adjunct Faculty:** Four positions

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 515 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 (ACPHE).

Accreditation by AACSB International and ACPHA assures our students, alumni, and employers of our graduates that a rigorous self-evaluation and peer-review process has been applied in order to ensure 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.

The mission of the School of Business and Economics is: “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 Arts/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 (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, and Marketing must complete the following 42 credit hours of business core courses plus 6-7 credits of cognates.

| 1. ACC201 Principles of Accounting I (3 cr.) |
| 2. ACC202 Principles of Accounting II (3 cr.) |
| 3. ACC351 Legal Environment of Business (3 cr.) |
| 4. FIN355 Principles of Finance (3 cr.) |
| 5. ECO110 Intro to Microeconomics (3 cr.) |
| 6. ECO111 Intro to Macroeconomics (3 cr.) |
| 7. ECO260 Economics Statistics I (3 cr.) |
| 8. ECO362 Business Statistics II (3 cr.) |
| 9. MGM275 Business Applications and Information Systems (3 cr.) |
| 10. MGM280 Principles of Management (3 cr.) |
| 11. MK290 Principles of Marketing (3 cr.) |
| 12. MGM350 Quantitative Analysis Models (3 cr.) |
| 13. BUS388 Seminar in Professionalism (3 cr.) |
| 14. MGM490 Strategic Management (3 cr.) |

Cognate Requirements: (6-7 cr.)

| 1. BUS203 Business Ethics and Modern Society (3 cr.) or CMM101 Introduction to Public Speaking (3 cr.) |
| 2. MAT221 Calculus for the Life, Management, and Social Sciences I (3 cr.) or MAT224 Calculus I (4 cr.) |

**TOTAL CREDITS** 48-49

The business programs develop competence and skills in such functional fields as accounting, marketing, human resources, 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 you 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 your busi-
ness experience and set you apart in the business marketplace.

The major in entrepreneurship, the only one in the SUNY system, offers a curriculum to prepare you to start your 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 your requirements to your interests to help you reach your own entrepreneurial objectives.

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. The program 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 you for a 21st century career in management in a variety of industries. Real-world, hands-on class projects and internship opportunities greatly enhance your management experience and make you more marketable to prospective employers.

The major in marketing provides a balance of hands-on experience and dynamic coursework to prepare you for a 21st century career in marketing in a variety of industries. Real-world, hands-on class projects and internship opportunities greatly enhance your understanding of marketing and make you 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 the following areas: investment banking, commercial banking, financial analyst, 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. Exception: Students seeking to change majors within SBE are exempt from this requirement. A student who does not have a GPA of 2.3 can still 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, international business, 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 may pursue the B.S. in management program through courses taken at the Plattsburgh Extension Center at Adirondack Community College, Queensbury, New York. (For more information on the Extension Center, see page 11 of this catalog.)
### Accounting Major
Bachelor of Science
Curriculum 0755 Requirements

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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>Select one course: (3 cr.)</td>
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<tr>
<td>ACC 377 International Accounting (3 cr.)</td>
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<tr>
<td>ACC 404 Income Tax II (3 cr.)</td>
<td><em>Recommended for those planning to sit for the CPA examination.</em></td>
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<tr>
<td>ACC 405 Advanced Cost Accounting (3 cr.)</td>
<td><strong>Recommended for the CMA examination.</strong></td>
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<td>ACC 406 Accounting Theory (3 cr.)</td>
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<td>ACC 408 Advanced Auditing (3 cr.)</td>
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<td>ACC 444 Selected Topics in Accounting (3 cr.)</td>
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<td>B. Cognate Requirements: (6-7 cr.)</td>
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<tr>
<td>1. BUS 203 Business Ethics and Modern Society (3 cr.) or CMM 101 Introduction to Public Speaking (3 cr.)</td>
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<tr>
<td>2. MAT 221 Calculus for the Life, Mgmt and Social Sciences I (3 cr.) or MAT 224 Calculus I (4 cr.)</td>
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**TOTAL CREDITS:** minimum 120

(plus General Education Requirements)

### Business Major
Bachelor of Science
Curriculum 0725 Requirements

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<td>2. ACC 202 Principles of Accounting II (3 cr.)</td>
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<tr>
<td>3. ACC 351 Legal Environment of Business (3 cr.)</td>
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<tr>
<td>4. BUS 388 Seminar in Professionalism (AWR) (3 cr.)</td>
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<tr>
<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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<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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<td>9. FIN 355 Principles of Finance (3 cr.)</td>
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<td>10. MGM 275 Business Applications and Information Systems (3 cr.)</td>
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<td>11. MGM 280 Principles of Management (3 cr.)</td>
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<td>12. MKE 290 Principles of Marketing (3 cr.)</td>
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<td>13. MGM 350 Quantitative Analysis Models (3 cr.)</td>
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<td>14. Select one course (3 cr.):</td>
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<tr>
<td>ACC 377 International Accounting (3 cr.)</td>
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<tr>
<td>ECO 391 International Trade and Finance (3 cr.)</td>
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<td>FIN 400 International Financial Mgmt (3 cr.)</td>
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<td>MGM 315 International Business Mgmt (3 cr.)</td>
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<tr>
<td>MGM 316 Comparative and Multinational Management (3 cr.)</td>
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<td>MKE 326 International Marketing Oper (3 cr.)</td>
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<td>MGM 490 Strategic Management (3 cr.)</td>
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<td>15. MGM 490 Strategic Management (3 cr.)</td>
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<td>16. ACC, ECO, FIN, MGM, MKE Electives: 300/400 level (15 cr.)</td>
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<td><strong>B. Cognate Requirements:</strong> (6-7 cr.)</td>
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<tr>
<td>1. BUS 203 Business Ethics and Modern Society (3 cr.) or</td>
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</tbody>
</table>
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, 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.

**Entrepreneurship Major**
Bachelor of Science
Curriculum 0105 Requirements

**CREDITS** 69-70
**MAJOR REQUIREMENTS**

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 442 Selected Topics: Franchising in the US/Canada/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:** (31-33 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

**CREDITS** 75-76
**MAJOR REQUIREMENTS**

A. **Departmental Requirements:** (69 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 391 International Trade and Finance (3 cr.)
7. MGM 275 Business Applications and Information Systems (3 cr.)
8. MGM 280 Principles of Management (3 cr.)
9. MKE 317 Intro to Bus and Eco in Hispanic Cultures (3 cr.)
10. MKE 326 International Marketing Operations (3 cr.)
11. MKE 442 Selected Topics: Franchising in the US/Canada/Mexico (3 cr.)
12. MKE 323 Retail Store Management (3 cr.)
13. MKE 334 Entrepreneurship and Intrapreneurship (3 cr.)
14. MKE 336 Small Business Management (3 cr.)
15. MKE 498 Internship (3 cr.)
16. MKE 499 Independent Study (3 cr.)

SUNY Plattsburgh • 2007-2008 Undergraduate & Graduate Catalog
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. MGM 350 Quantitative Analysis for Prod. Systems (3 cr.)
13. MGM 370 Intro to Supply Chain Mgmt (3 cr.)
14. MGM 478 Global Operations Mgmt (3 cr.)
15. MGM 495 Global Supply Chain Strategy (3 cr.)
16. MGM 490 Strategic Management (3 cr.)
17. MKE 290 Principles of Marketing (3 cr.)
18. MKE 325 Marketing Channels Strategy (3 cr.)
19. MKE 402 Procurement (3 cr.)
20. Select one of the following: (3 cr.)
   MKE 422 Business to Business Marketing (3 cr.)
   MGM 435 Transportation, Logistics, and Theory of Constraints (3 cr.)
21. Select one of the following: (3 cr.)
   ACC 305 Cost Accounting (3 cr.)
   ACC 377 International Accounting (3 cr.)
   MGM 375 Project/Process Management (3 cr.)
   MGM 378 Quality Management (3 cr.)
   MGM 440 Business Information Systems (3 cr.)
   MGM 446 Modern Manufacturing Management (3 cr.)
   MKE 401 Interactive Marketing and E-Commerce (3 cr.)
22. Select one of the following: (3 cr.)
   ACC 380 International Uniform Commercial Code (3 cr.)
   ACC 470 U.S. Customs Brokerage Laws (3 cr.)
   MGM 447 Lean Organizing & Manufacturing (3 cr.)
   MKE 333 Canadian and U.S. Business (3 cr.)
   MKE 375 Warehousing and Inventory Management (3 cr.)
   MKE 403 Cross Border Goods and Human Services (3 cr.)
23. MGM/MKE 498 Global Supply Chain Internship (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, and marketing (ACC, BUS, ECO, FIN, MGM, MKE) courses.
2. A majority of all accounting, business, economics, finance, management, and marketing (ACC, BUS, ECO, FIN, MGM, MKE) courses must be taken at Plattsburgh.

International Business Major
Bachelor of Science
Curriculum 0106 Requirements

CREDITS 69-70

MAJOR REQUIREMENTS
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. 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 & Information Systems (3 cr.)
14. MGM 280 Principles of Management (3 cr.)
15. MKE 290 Principles of Marketing (3 cr.)
16. MKE 325 Marketing Channels Strategy (3 cr.)
17. MKE 326 International Marketing Operations (3 cr.)
18. MKE 333 Canadian and U.S. Business (3 cr.)
19. MGE 350 Quantitative Analysis for Prod. Systems (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 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 28 (ACC, BUS, ECO, FIN, MGM, MKE) major credit hours completed at Plattsburgh.

Management Major
Bachelor of Science
Curriculum 0107* or 0295** Requirements

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<thead>
<tr>
<th>MAJOR REQUIREMENTS \ CREDITS</th>
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<tr>
<td>A. Departmental Requirements: (63 cr.)</td>
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<td>1. ACC 201 Principles of Accounting I (3 cr.)</td>
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<td>3. ACC 351 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>13. MGM 310 Human Resource Management (3 cr.)</td>
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<td>14. MGM 311 Organizational Behavior (3 cr.)</td>
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<td>15. MGM 350 Quantitative Analysis Models (3 cr.)</td>
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<td>16. MGM 445 Operations Management (3 cr.)</td>
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<td>17. MGM 490 Strategic Management (3 cr.)</td>
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<td>18. Select one International course: (3 cr.)</td>
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<tr>
<td>MGMT 315 International Bus Mgmt (3 cr.)</td>
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<td>MGMT 316 Comparative and Multinational Mgmt (3 cr.)</td>
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<td>19. Select three courses (9 cr.):</td>
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<tr>
<td>MGMT 313 Ethics in Business Management (3 cr.)</td>
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<td>MGMT 314 Labor Relations (3 cr.)</td>
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<td>MGMT 316 Comparative and Multinational Management (3 cr.)</td>
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<td>MGMT 318 Health Care Management (3 cr.)</td>
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<td>MGMT 333 Canadian and U.S. Business: A Comparative View (3 cr.)</td>
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<td>MGMT 334 Entrepreneurship and Intrapreneurship (3 cr.)</td>
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<td>MGMT 415 Organization Theory (3 cr.)</td>
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<td>MGMT 434 Gender/Mgmt: Issues and Strategies (3 cr.)</td>
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<td>MGMT 440 Management Info Systems (3 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 accounting, business, economics, finance, management, and marketing (ACC, BUS, ECO, FIN, MGM, MKE) courses.
2. A minimum of 28 (ACC, BUS, ECO, FIN, MGM, MKE) 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 Extension Center.

Marketing Major
Bachelor of Science
Curriculum 0108 Requirements

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<th>MAJOR REQUIREMENTS \ CREDITS</th>
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<td>A. Departmental Requirements: (63 cr.)</td>
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<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 351 Legal Environment of Business (3 cr.)</td>
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<td>5. ECO 110 Introduction to Microeconomics (3 cr.)</td>
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<td>MGMT 315 International Bus Mgmt (3 cr.)</td>
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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 421 Consumer Behavior (3 cr.)
   MKE 422 Business-to-Business Marketing (3 cr.)
   MKE 424 Selected Marketing Topics (3 cr.)
   MKE 498 Marketing Internship (3 cr.)
   *May not take MKE 321 or MKE 322 if taken to
20. Select one course: (3 cr.)
   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 (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS:
1. A minimum overall GPA of 2.0 in accounting, 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.

Economics Major
Bachelor of Arts or Bachelor of Science
Curriculum 0709 Requirements

CREDITS
MAJOR REQUIREMENTS 45-46

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 Life, Mgmt & Social Sciences I (3 cr.) or
   MAT 224 Calculus I (4 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS:
1. Minimum overall 2.0 GPA 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. Economics courses are liberal arts courses.

Finance Major
Bachelor of Science
Curriculum 0698 Requirements

CREDITS
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 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, Capital and Derivative Markets (3 cr.)
17. FIN 400 International Corporate Finance (3 cr.)
18. FIN 420 Portfolio Management Theory (3 cr.)
19. FIN 480 Senior Seminar in Finance (3 cr.)
20. MGM 275 Business Applications and Information Systems (3 cr.)
21. MGM 280 Principles of Management (3 cr.)

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### Undergraduate Programs

**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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<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
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<tr>
<td><strong>A. Departmental Requirements:</strong> (48 cr.)</td>
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<tr>
<td>1. HRT 181 Introduction to Hotel, Restaurant and Tourism Management (1 cr.)</td>
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<tr>
<td>2. HRT 251 Principles of Tourism (3 cr.)</td>
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<tr>
<td>3. HRT 310 Organization and Management in Hospitality Industry (3 cr.)</td>
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<td>4. HRT 321 Hospitality Marketing (3 cr.)</td>
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<tr>
<td>5. HRT 360 Food, Beverage, and Labor Cost Control (3 cr.)</td>
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<tr>
<td>6. HRT 362 Food Service Operations Management (5 cr.)</td>
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<td>7. HRT 383 Lodging Operations Management I (3 cr.)</td>
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<td>8. HRT 384 Hospitality Financial Management (3 cr.)</td>
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<td>9. HRT 462 Hospitality Law (3 cr.)</td>
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<td>10. HRT 464 Food Service Operations Management II (5 cr.)</td>
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<td>11. HRT 483 Lodging Operations Management II (3 cr.)</td>
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<td>12. HRT 495 Leadership in the Hospitality Industry (AWR) (3 cr.)</td>
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<td>13. HRT 497 HRT Field Experience (1 cr.)</td>
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<td>14. 9 electives of credit below:</td>
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<td>HRT 354 International Hospitality (3 cr.)</td>
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<td></td>
<td>HRT 361 Foodservice Planning and Purchasing (3 cr.)</td>
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<td></td>
<td>HRT 364 Beverage Management (3 cr.)</td>
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</tbody>
</table>

**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:** Twenty-five faculty associates offer more than 30 Canadian content courses on a wide variety of topics. These faculty represent 19 distinct disciplines, including history, geography, English, French, art, music, political science, literature, sociology, environmental science, communications, mass media, theatre, economics, and business.

**Resident Programs in Canada:** Students may participate for a semester or an academic year in resident programs at McGill University in Montréal, Université Laval in Québec City, the University of Toronto, and Carleton University in Ottawa. 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 the internship programs in the United States and Canada. Internship agencies include the New York State Department of Economic Development offices in Montreal and Toronto, the Canadian Department of Foreign Affairs and International Trade and the Secretary of State in Ottawa, the Canadian Embassy in Washington, Consulates in Buffalo, New York City, and Dallas, the U.S. Embassy in Ottawa, several Canadian multinational corporations, Empire State Development Corporation, local businesses and 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.

**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 Festival 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.)

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### Canadian Studies Major
**Bachelor of Arts**
**Curriculum 0740 Requirements**

**CREDITS**

<table>
<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td><strong>A. Program Requirements:</strong> (30 cr.)</td>
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<tr>
<td>1. <strong>Introduction to the Field</strong></td>
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<tr>
<td>CAS 111  Introduction to Canada (3 cr.)</td>
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<tr>
<td>2. <strong>Canadian Studies Content Courses</strong> (18 cr.)</td>
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<tr>
<td>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.</td>
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<tr>
<td>a. <strong>Geographic Foundations</strong></td>
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<tr>
<td>GEG 307  Urban Geography &amp; Planning (3 cr.)</td>
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<tr>
<td>GEG 316  Geography of Canada (3 cr.)</td>
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<tr>
<td>b. <strong>Historical Foundations</strong></td>
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<tr>
<td>HIS 171  History of Canada to the 1860s (3 cr.)</td>
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<tr>
<td>HIS 172  History of Canada from the 1860s (3 cr.)</td>
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<td>HIS 347  Iroquois World to 1800 (3 cr.)</td>
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<td>HIS 370  History of Canadian Women (3 cr.)</td>
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<td>HIS 372  North America and the World (3 cr.)</td>
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<td>HIS 373  Twentieth Century Canada (3 cr.)</td>
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<tr>
<td>CAS/HIS 375  Borderland and Migration History: Canada and the United States (3 cr.)</td>
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<tr>
<td>CAS/HIS 379  Québec in the United States: Franco-American History and Culture (3 cr.)</td>
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<tr>
<td>c. <strong>Political Foundations</strong></td>
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<tr>
<td>PSC 325  Canadian Politics (3 cr.)</td>
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<tr>
<td>d. <strong>Economic/Business Foundations</strong></td>
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<tr>
<td>MGM 333  Canadian and U.S. Business: A Comparative View (3 cr.)</td>
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<tr>
<td>MKE 442  Selected Marketing Topics: Franchising in the U.S., Canada, and Mexico (3 cr.)</td>
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<td>ECO 355  The Canadian Economy (3 cr.)</td>
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<tr>
<td>e. <strong>Cultural and Social Foundations</strong></td>
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<td>CAS 215  Canadian Art Survey (3 cr.)</td>
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<td>CAS 216  Inuit Art (3 cr.)</td>
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<td>CAS 413  Topics in Canadian Art (3 cr.)</td>
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<td>ENG 367  Canadian Fiction (3 cr.)</td>
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<td>CAS 358/CMM 358  Canadian Cinema: Past &amp; Present (3 cr.)</td>
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<td>SOC 325  Sociology of Urban Life in North America (3 cr.)</td>
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<td>SWK 304  Social Services in Comparative Perspective (AWR) (3 cr.)</td>
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<tr>
<td>f. <strong>Québec Foundations</strong></td>
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<tr>
<td>Credits from Québec content courses taken at a Canadian university may also be applied to this category.</td>
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</tbody>
</table>
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.

Plattsburgh State’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 34 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. Environmental chemistry is among the more popular secondary areas of specialization. Students may also select courses as pre-professional requirements for graduate study in medicine, veterinary medicine and dentistry. Elective hours may be selected through advisement to fulfill the American Chemical Society’s additional requirements for certification.

B.A. in Chemistry: Study Option in Environmental Chemistry: Students electing this option acquire technical and intellectual skills necessary to work on chemical problems arising from society’s technological impact on the environment. Course requirements are flexible, enabling each student to pursue individual goals while learning the fundamental science necessary to work effectively in this field.

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.

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 geology, and biochemistry. Written and oral communication skills are emphasized in laboratory research. See listing under Biochemistry.
B.A. in Chemistry—Engineering Study Option: Students in this option complete three years of study (95 credits) at Plattsburgh and two years at an accredited engineering college. Students who complete all requirements receive a B.A. in chemistry from Plattsburgh and a B.S. in chemical engineering from the engineering college. The requirements at Plattsburgh include completion of the college’s broad liberal arts General Education program, an additional 11 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 for further details.

Chemistry Major
Bachelor of Arts
Curriculum 0713 Requirements

<table>
<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>A. Departmental Requirements: (40 cr.)</td>
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<tr>
<td>1. CHE 111 Fund Principles of Chemistry I (4 cr.)</td>
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<tr>
<td>2. CHE 112 Fund Principles of Chemistry II (4 cr.)</td>
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<td>3. Select two courses from one group: (8 cr.)</td>
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<tr>
<td>Group 1</td>
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<tr>
<td>CHE 241 Organic Chemistry I (4 cr.)</td>
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<td>CHE 242 Organic Chemistry II (4 cr.)</td>
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<tr>
<td>Group 2</td>
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<tr>
<td>CHE 240 Fund of Organic Chemistry (5 cr.)</td>
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<tr>
<td>CHE 401 Biochemistry (3 cr.)</td>
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<tr>
<td>4. CHE 321 Quantitative Chemistry (4 cr.)</td>
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<tr>
<td>5. CHE 391 Written &amp; Oral Reports (AWR) (3 cr.)</td>
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<td>6. CHE 430 Inorganic Chemistry I (3 cr.)</td>
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<td>7. CHE 455 Physical Chemistry I (4 cr.)</td>
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<td>8. CHE 456 Physical Chemistry II (4 cr.)</td>
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<tr>
<td>9. CHE 491 Chemistry Seminar I (1 cr.)</td>
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<td>10. CHE 495 Undergraduate Research (3 cr.)</td>
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<tr>
<td>11. CHE 400-level chemistry electives (3 cr.)</td>
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<tr>
<td>(Students may not use CHE 496 or CHE 498 credits to satisfy this requirement.)</td>
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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 57

American Chemical Society Certification: Students who would like to receive ACS Certification should include in their advanced electives CHE 431 Inorganic Chemistry plus four credit hours of an advanced chemistry course having a laboratory requirement using instrumental methods. Consult the chairperson for further information and possible variations.

Chemistry Major
Bachelor of Science
Curriculum 0771 Requirements

<table>
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<tr>
<th>MAJOR REQUIREMENTS</th>
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<tbody>
<tr>
<td>A. Departmental Requirements: (49 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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<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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<tr>
<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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</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>
<th>CREDITS</th>
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<tbody>
<tr>
<td><strong>A. Departmental Requirements:</strong> (34 cr.)</td>
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<tr>
<td>1. CHE 111 Fund Principles of Chemistry I (4 cr.)</td>
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<tr>
<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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<tr>
<td>4. CHE 242 Organic Chemistry II (4 cr.)</td>
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<tr>
<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.)</td>
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<tr>
<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><strong>B. Cognate Requirements:</strong> (26 cr.)</td>
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<tr>
<td>1. MAT 224 Calculus (4 cr.)</td>
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<tr>
<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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</tbody>
</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 Plattsburgh program, including general education and other college-wide requirements, the students receive a B.A. in chemistry from 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 the general education courses may not be skills courses (e.g., introductory modern languages, band, chorale, drawing, painting, photography, accounting, surveying, etc.).

## Chemistry Major
Bachelor of Arts
(Study Option in Environmental Chemistry)
Curriculum 0775 Requirements

<table>
<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CREDITS</th>
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<td><strong>A. Departmental Requirements:</strong> (46-48 cr.)</td>
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<tr>
<td>1. Chemistry (37-39 cr.)</td>
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<tr>
<td>a. CHE 111 Fund Principles Chemistry I (4 cr.)</td>
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<tr>
<td>b. CHE 112 Fund Principles Chemistry II (4 cr.)</td>
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<tr>
<td>b. CHE 240 Fund of Organic Chemistry (5 cr.)</td>
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<tr>
<td>c. CHE 308 Environmental Chemistry (3 cr.)</td>
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<tr>
<td>d. Select one course:</td>
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<tr>
<td>CHE 309 Environmental Chemistry Lab (1 cr.)</td>
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<tr>
<td>CHE 410 Experimental Techniques in Atmospheric Chemistry (2 cr.)</td>
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<td>e. CHE 321 Quantitative Chemistry (4 cr.)</td>
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<td>f. Select one course:</td>
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<tr>
<td>CHE 391 Written/Oral Reports (AWR) (3 cr.)</td>
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<td>ENV 340 Seminar (AWR) (3 cr.)</td>
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<td>g. Select one course:</td>
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<tr>
<td>CHE 408 Aquatic Chemistry (3 cr.)</td>
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<td>CHE 409 Atmospheric Chemistry (3 cr.)</td>
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<tr>
<td>CHE 431 Inorganic Chemistry II (4 cr.)</td>
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<td>h. Select one course:</td>
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<tr>
<td>CHE 421 Adv. Analytical Chemistry (4 cr.)</td>
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<td>ENV 437 Instrumental and Water Quality Analysis (4 cr.)</td>
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<td>i. CHE 451 Physical Chemistry I (3 cr.)</td>
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<td>j. CHE 452 Physical Chemistry II (3 cr.)</td>
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<tr>
<td>2. Environmental Science (9 cr.)</td>
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<tr>
<td>Nine additional credits of ENV or GEL courses at the 200 level and above excluding ENV340 and ENV437.</td>
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<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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<tr>
<td>4. PHY 112 General Physics II (4 cr.)</td>
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</tbody>
</table>

**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 C.

American Chemical Society Certification: Students wishing to receive ACS Certification will need certain additional chemistry courses. Consult the chairperson for more information.
COMMUNICATION DEPARTMENT

Professors: J. Gustainis, J. Kim  
Associate Professors: T. Clinks, D. DeSilva, P. Ensel (chairperson), S. Rao  
Assistant Professors: E. Bernat, B. Casey, C. Johnson, J. Slater, L. Walters-Kramer  
Lecturer: N. Montanaro  
Adjunct Faculty: Nine positions

The Department of Communication 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 to 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, 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 websites, 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 website 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/Advertising 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/Leadership 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). They can also participate in our

www.plattsburgh.edu
new alternative media outlet (ALT). 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.

**Audio-Radio/Digital Media Production Major**

Bachelor of Arts or Bachelor of Science
Curriculum 0102 or 0109 Requirements

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>MAJOR REQUIREMENTS 49-50</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Communication Studies Core: (22 cr.)</td>
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<tr>
<td>1. Introductory Courses</td>
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<tr>
<td>CMM 101 Introduction to Public Speaking (3 cr.)</td>
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<tr>
<td>CMM 118 Mass Media and Society (3 cr)</td>
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<tr>
<td>2. Survey &amp; History</td>
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<tr>
<td>CMM 226 Intro to Human Communication (3 cr)</td>
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<td>3. Culture &amp; Communication</td>
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<td>Select one of the following:</td>
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<tr>
<td>CMM 301 Communication &amp; Culture (3 cr.)</td>
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<td>CMM 302 International Communication (3 cr.)</td>
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<td>CMM 316 Intercultural Communication (3 cr.)</td>
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<td>CMM 365 Media &amp; Popular Culture (3 cr.)</td>
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<td>4. Communication Contexts</td>
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<td>Select one of the following:</td>
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<tr>
<td>CMM 288 Fundamentals of Broadcasting (3 cr.)</td>
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<td>CMM 304 Business &amp; Professional Speaking (3 cr.)</td>
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<td>CMM 310 Small Group Communication (3 cr.)</td>
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<td>CMM 321 Advertising in Electronic Media (3 cr.)</td>
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<td>CMM 329 Interpersonal Communication (3 cr.)</td>
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<tr>
<td>CMM 407 Concepts of Persuasion (3 cr.)</td>
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<tr>
<td>5. Critical Thinking &amp; Analysis</td>
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<tr>
<td>Select one of the following:</td>
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<tr>
<td>CMM 322 Propaganda 1900-1945 (3 cr.)</td>
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<tr>
<td>CMM 323 Propaganda 1946-Present (3 cr.)</td>
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<tr>
<td>CMM 330 Criticism of the News Media (3 cr.)</td>
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<tr>
<td>CMM 348 Mass Media Ethics (3 cr.)</td>
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<td>CMM 455 Mass Media Law (3 cr.)</td>
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<td>6. Communication Theory</td>
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<td>Select one of the following:</td>
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<tr>
<td>CMM 325 Communication Theory (3 cr.)</td>
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<td>CMM 328 Rhetorical Theories (3 cr.)</td>
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<tr>
<td>CMM 490 Mass Communication Theory (3 cr.)</td>
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<tr>
<td>7. Senior Seminar</td>
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<tr>
<td>CMM 491 Senior Portfolio/Assessment (1 cr.)</td>
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</tbody>
</table>

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

1. **Audio-Radio Production Concentration** (Curr 0102) 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 Applications (4 cr.)

   Select one of the following:
   - CMM 312 Multimedia Production Design (3 cr.)
   - JOU 317 Web Design & Production (3 cr.)

2. **Digital Media Production Concentration** (Curr 0109) 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 Applications (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 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 “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 Media Law (3 cr.)
6. Communication Theory
   Select one of the following:
   CMM 325 Communication Theory (3 cr.)
   CMM 328 Thetorical 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: (29-32 cr.)

1. TV-Video Production Concentration (Curr 0104) 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) 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 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 “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

**CREDITS 49-52**

**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. **Organizational Foundations**
   - Complete all of the following:
     - 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) Advanced Writing**
   - Select one of the following:
     - CMM 335 Writing for Radio & TV (AWR) (3)
     - CMM 421 Broadcast Journalism (AWR) (3)

   **Professional Preparation**
   - Complete all of the following:(12 cr.)

   **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.)

2. **Organizational Leadership Communication Concentration (Curr 0228) 27**

   **Professional Preparation**
   - Complete all of the following:
     - CMM 304 Business & Professional Speaking (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 312 Multimedia Production Design (3 cr.)
     - CMM 406 Speechwriting (3 cr.)
     - JOU 404 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.)
     - CMM 477 Communication Training & Development (3 cr.)
ENG 304 Technical & Professional Writing (3 cr.)
JOU 404 Desktop Publishing (3 cr.)

TOTAL CREDITS 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 “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 (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.)
1. Complete 9 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.)
1. Complete 9 credits from the following:
   CMM 301 Communication & Culture (3 cr.)
   CMM 310 Small Group Communication (3 cr.)
   CMM 316 Intercultural Communication (3 cr.)
   CMM 329 Interpersonal Communication (AWR) (3 cr.)
   CMM 410 Leadership Communication (3 cr.)
   CMM 470 Organizational Communication (3 cr.)

D. Media Studies (9 cr.)
1. Complete 9 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 “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 DISORDERS AND SCIENCES DEPARTMENT

Professors: P. Coppens (chairperson), R. Davis, R. Domenico, R. Hamernik, M. Morgan, R. Wacker-Mundy
Associate Professors: S. Hungerford
Lecturers: C. Conners, K. Gonyo, S. Macner
Clinic Director: N. Allen
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, 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, dysarthria, 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 changes 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 competencies. The communication disorders and sciences curriculum meets all 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 interact with graduate students in the Speech and Hearing Center. There, they are introduced gradually to functioning as a student clinician by observing assessment and treatment 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 practice.

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 in 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

| CREDITS |
|----------------------------------|---|
| CERTIFICATE REQUIREMENTS          | 31 |
| 1. CDS 211 American Sign Language I (3 cr.) | |
| 2. CDS 241 Speech & Lang Development (3 cr.) | |
| 3. CDS 342 Introduction to Phonetics (3 cr.) | |
| 4. CDS 343 Speech & Hearing Mechanisms (3 cr.) | |
| 5. CDS 344 Introduction to Hearing Speech Science (3 cr.) | |
| 6. CDS 345 Introduction to Audiology (3 cr.) | |
| 7. CDS 410 Communication Systems and Disorders (3 cr.) | |
| 8. CDS 439 Participatory Observation (1 cr.) | |
| 9. CDS 443 Aural Rehabilitation (3 cr.) | |
| 10. CDS 445 Introduction Articulation and Phonology (3 cr.) | |
| 11. CDS 448 Language Disorders (3 cr.) | |

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 course work. Admission is limited to the 15 highest qualified students every fall.
Communication Disorders and Sciences Major
Bachelor of Arts or Bachelor of Science
Curriculum 0723 Requirements

MAJOR REQUIREMENTS 72-76

A. Departmental Requirements: (44-48 cr.)
1. Communication Disorders and Sciences: (41 cr.)
   a. CDS 211 Elem American Sign Language (3 cr.)
   b. CDS 240 Intro Speech & Hearing Problems (3 cr.)
   c. CDS 241 Speech and Language Dev (3 cr.)
   d. CDS 338 Professional Writing (AWR) (3 cr.)
   e. CDS 342 Introduction to Phonetics (3 cr.)
   f. CDS 343 Anatomy and Physiology of the Speech and Hearing Mechanism (3 cr.)
   g. CDS 344 Introduction to Hearing and Speech Science (3 cr.)
   h. CDS 345 Introduction to Audiology (3 cr.)
   i. CDS 380 The Practice of Speech-Language Pathology (3 cr.)
   j. CDS 410 Communication Systems and Disorders (3 cr.)
   k. CDS 439 Participatory Observation (1 cr.)
   l. CDS 443 Aural Rehabilitation (3 cr.)
   m. CDS 445 Introduction to Articulation and Phonology (3 cr.)
   n. CDS 448 Language and Literacy Disorders in Children (3 cr.)
   o. CDS 465 Senior Capstone (1 cr.)
2. Linguistics, select one course: (3 cr.)
   LIN 221 Intro to General Linguistics (3 cr.)
   LIN 430 Theoretical Linguistics (3 cr.)
3. Electives: (0-4 cr.)
   CDS 212 Elem American Sign Lang II (3 cr.)
   CDS 460 Clin Prac Beg Und Clinicians (1 cr.)

B. Cognate Requirements: (28 cr.)
1. BIO 100 Concepts of Biology (4 cr.)
2. CMM 101 Intro to Public Speaking (3 cr.)
3. HED 310 Foundations of Personal Health (3 cr.)
4. MAT 161 Introductory Statistics (3 cr.)
5. PSY 101 General Psychology (3 cr.)
6. PSY 311 Survey of Human Development (3 cr.)
7. Physical Science (3 cr.)
   Select any course with one of the following prefixes: AST, CHE, ENV, GEO, GEL, MET, PHY, or SCI.
8. Choose two of the following courses (6 cr.):
   HDF 211 Child Development (3 cr.)
   HDF 332 Socialization of Children in the Community (3 cr.)
   PSY 321 Cognitive Psychology (3 cr.)
   PSY 331 Introduction to Biopsychology (3 cr.)

PSY 412 Educational Psychology (3 cr.)
PSY 414 Psychology Infancy and Childhood (3 cr.)
CLG 402 Counseling Techniques (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum grade of C in all required communication disorders and sciences (CDS) courses.
2. An overall 2.5 GPA in all CDS courses.
3. All General Education courses must be approved as liberal arts. A minimum of 90 credit hours of liberal arts is required for a B.A.; a minimum of 60 credit hours of liberal arts is required for a B.S.

Note: A master’s degree is required for professional licensure and certification.

ACADEMIC PROGRESS STANDARDS
1. A minimum GPA of 2.5 is required in CDS240, CDS241, CDS342 and CDS343 before a student can enroll in any other CDS courses.
2. A minimum cumulative GPA of 2.5. Students who fall below a 2.5 are reviewed by the faculty and chairperson of the department to determine their eligibility to continue to enroll in any CDS course required in their program.

COMPUTER SCIENCE DEPARTMENT

Professor: S. Denenberg
Associate Professors: L. Fairchild, J. Plaza, W. Teter (chairperson)
Assistant Professor: S. Gutierrez
Lecturer: D. Hart
Adjunct Faculty: Two positions

Computer science is the study of algorithms and information, and the use of algorithms and information in the solution of problems. This includes the study of data and information in numeric, non-numeric, and graphical forms. It involves algorithms for the interpretation, transformation, communication, and organization of information. Computer science has evolved through the consolidation and extension of concepts, phenomena, and philosophies originally associated with a variety of 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 cre-
ation 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 B.A. program presents a general introduction to the discipline of computer science with eleven required core courses in computing and two additional mathematics courses. The B.A. program is appropriate as a second major. 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. Students who plan to enter graduate school or industry as computer professionals after graduation from college are urged to complete the B.S. program. The core courses in computing and mathematics are augmented with at least 15 additional credits of upper-level courses in computer science, mathematics and physics. These courses are selected in consultation with an advisor so that each student’s program of study is crafted to meet the individual’s special interests and be appropriate for this rapidly evolving profession. The department urges students to seek cooperative employment opportunities to gain professional experience as interns while they are undergraduates. The department also offers minor programs for students who have elected to place their primary emphases in other disciplines. Instruction in computer science is supplemented by access to a variety of computers and computing systems.

Computer Science Major
Bachelor of Arts
Curriculum 0781 Requirements

MAJOR REQUIREMENTS

A. Departmental Requirements: (34 cr.)
1. CSC 217 Discrete Mathematics with Computer Science Applications I (3 cr.)
2. CSC 221 Intro to Computer Science (4 cr.)
3. CSC 223 Data Structures and Algorithms (4 cr.)
4. CSC 314 Non-imperative Programming in Lisp and Prolog (3 cr.)
5. CSC 318 Discrete Mathematics with Computer Science Applications II (3 cr.)
6. CSC 319 C and UNIX (3 cr.)
7. CSC 321 Design & Analysis Algorithms (4 cr.)
8. CSC 333 Computer Organization (4 cr.)
9. CSC 372 Ethics in the Age of Technology and Information (AWR) (3 cr.)
10. CSC 433 Operating Systems (3 cr.)

B. Cognate Requirements: (11 cr.)
1. Select one course:
   - CMM 101 Introduction to Public Speaking (3 cr.)
   - CMM 304 Business and Professional Speaking (3 cr.)
2. MAT 224 Calculus I (4 cr.)
3. MAT 225 Calculus II (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 221 and CSC 223.

Computer Science Major
Bachelor of Science
Curriculum 0782 Requirements

MAJOR REQUIREMENTS

A. Departmental Requirements: (49 cr.)
a. CSC 217 Discrete Mathematics with Computer Science Applications I (3 cr.)
b. CSC 221 Intro to Computer Science (4 cr.)
c. CSC 223 Data Structures and Algorithms (4 cr.)
d. CSC 314 Non-imperative Programming in Lisp and Prolog (3 cr.)
e. CSC 318 Discrete Mathematics with Computer Science Applications II (3 cr.)
f. CSC 319 C and UNIX (3 cr.)
g. CSC 321 Design & Analysis Algorithms (4 cr.)
h. CSC 333 Computer Organization (4 cr.)
i. CSC 372 Ethics in the Age of Technology and Information (AWR) (3 cr.)
j. CSC 433 Operating Systems (3 cr.)
2. Additional 15 credits selected from 300 and 400 level CSC courses (excluding CSC 496 and CSC 498; CSC 499 will fulfill this requirement only with the approval of the chairperson)
B. Cognate Requirements: (11 cr.)

1. Select one course:
   - CMM 101 Intro to Public Speaking (3 cr.)
   - CMM 304 Business and Professional Speaking (3 cr.)
2. MAT 224 Calculus I (4 cr.)
3. MAT 225 Calculus II (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 and in all computer science (CSC) courses.
2. A grade of C or better in CSC 221 and CSC 223.

**CENTER FOR EARTH AND ENVIRONMENTAL SCIENCE**

**University Distinguished Service Professor:** J. Dawson  
**University Distinguished Teaching Professors:** K. Adams, D. Franzi  

**Professors:** D. Adams, D. Bogucki, M. Fairweather, R. Fuller (director), B. Higgins R. Lamb, M. Roden-Tice, T. Rumney, T. Wolsz, C. Zinser  

**Associate Professors:** L. McIlroy, T. Mihuc, J. Moravek, E. Romanowicz, M. Wu  

**Assistant Professor:** 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 over 34 years, with over 2,600 alumni across New York State and around the world. Our 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; the 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 Discipulorum.

The Center for Earth and Environmental Science offers twelve 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 system science, such as ecosystem processes, modeling, environmental chemistry, and hydrology. 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 choose jobs 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, 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 interdisciplinary major 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.
Geology students at Plattsburgh State 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 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

CREDITS 66-74

MAJOR REQUIREMENTS: (48-54 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 336 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: (15-18 cr.)
   a. Organismal/Population/Community Ecology (6 cr.)
      i. BIO 329 Animal Behavior (3 cr.)
      ii. ENV 330 Wildlife Ecology and Mgmt (3 cr.)
      iii. ENV 332 Plant Ecology (3 cr.)
      iv. GEL 335 Extinction (3 cr.)
   v. ENV 337 Field Ecology (3 cr.)
   vi. ENV 336 Population and Community Ecology* (3 cr.)
   vii. BIO 481 Conservation Biology (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. ENV 350 Intro to Geographic Info Systems (3 cr.)
   b. ENV 355 Remote Sensing (3 cr.)
   c. GEL 341 Geomorphic Processes (3 cr.)
   d. GEL 343 Hydrology (4 cr.)
   e. GEL 346 Environmental Geology (3 cr.)
   f. CHE 371 General Biochemistry (4 cr.) or CHE 401 Biochemistry I (3 cr.)
   g. BIO 411 Plant Physiology (4 cr.) or BIO 421 Principles of Animal Physiology (4 cr.)
   h. ENV 413 Biogeochemical Cycling (3 cr.)
   i. ENV 499 Independent Study (3 cr.)

B. Cognate Requirements: (18-20 cr.)

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

Note: *ENV 336 or ENV 462 used to satisfy the Required Courses category above 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

CREDITS
MAJOR REQUIREMENTS: 65-69
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 Env Science (AWR) (3 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 330 Wildlife Ecology and Mgmt (3 cr.)
      ENV 332 Plant Ecology (3 cr.)
      ENV 336 Population and Community Ecology (3 cr.)
      ENV 337 Field Ecology (3 cr.)
      ENV 338 Forest Ecology and Management (4 cr.)
      ENV 339 Wetlands Ecology & Mgmt (3 cr.)
      ENV 431 Freshwater Ecology (4 cr.)
      ENV 433 River Ecology (3 cr.)
      ENV 462 Ecosystem 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 & Mineral Resources (3 cr.)
      GEL 307 Geochemistry (3 cr.)
      GEL 341 Geomorphic Processes (3 cr.)
      GEL 343 Hydrology (4 cr.)
      GEL 346 Environmental Geology (3 cr.)
      GEL 441 Groundwater Hydrology (3 cr.)
      GEL 446 Applied Env Geology (3 cr.)
   c. Human Environment, select two courses: 6 cr.
      ENV 310 Environmental Planning (3 cr.)
      ENV 321 Environmental Law (3 cr.)
      ENV 329 Environmental Management (3 cr.)
      ENV 364 Ecological Economics (3 cr.)
      ENV 417 Env. Impact Assessment (3 cr.)
      ENV 421 Environmental Policy (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

CREDITS
MAJOR REQUIREMENTS 74-82
A. Departmental Requirements: (46-51 cr.)
1. ENV 201 Environment and Society (3 cr.)
2. ENV 304 Ecology (4 cr.)
3. ENV 306 Atmospheric Processes (3 cr.)
4. ENV 340 Seminar in Env Science (AWR) (3 cr.)
5. ENV 347 Instrumentation in Water Quality Analysis (3 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 330 Wildlife Ecology and Mgmt (3 cr.)
      ENV 332 Plant Ecology (3 cr.)
      ENV 336 Population and Community Ecology (3 cr.)
      ENV 337 Field Ecology (3 cr.)
      ENV 338 Forest Ecology and Management (4 cr.)
      ENV 339 Wetlands Ecology & Mgmt (3 cr.)
      ENV 431 Freshwater Ecology (4 cr.)
      ENV 433 River Ecology (3 cr.)
      ENV 462 Ecosystem 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 & Mineral Resources (3 cr.)
      GEL 307 Geochemistry (3 cr.)
      GEL 341 Geomorphic Processes (3 cr.)
      GEL 343 Hydrology (4 cr.)
      GEL 346 Environmental Geology (3 cr.)
      GEL 441 Groundwater Hydrology (3 cr.)
      GEL 446 Applied Env Geology (3 cr.)
   c. Human Environment, select two courses: 6 cr.
      ENV 310 Environmental Planning (3 cr.)
      ENV 321 Environmental Law (3 cr.)
      ENV 329 Environmental Management (3 cr.)
      ENV 364 Ecological Economics (3 cr.)
      ENV 417 Env. Impact Assessment (3 cr.)
      ENV 421 Environmental Policy (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.
ACADEMIC DEPARTMENTS, CENTERS, AND MAJOR PROGRAMS

Undergraduate Programs

Environmental Science Major
Bachelor of Arts
(Study Option in Environmental Planning and Management)
Curriculum 0365 Requirements

MAJOR REQUIREMENTS: 67-68 CREDITS

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 Env. Science (AWR) (3 cr.)
   f. ENV Electives (3 cr.)

2. Advanced Courses: (33-34 cr.)
   a. ENV 310 Environmental Planning (3 cr.)
   b. ENV 321 Environmental Law (3 cr.)
   c. ENV 329 Environmental Management (3 cr.)
   d. ENV 350 Introduction to Geographic Info Systems & Mapping (3 cr.)
   e. ENV 417 Env Impact Assessment (3 cr.)
   f. Select one: (3 cr.)
      ENV 364 Ecological Economics (3 cr.)
      ENV 421 Environmental Policy (3 cr.)

B. Cognate Requirements: (28-31 cr.)
1. GEL 101 Physical Geology (4 cr.)
g. Environmental Resources Electives:
A minimum of six (6) credits from the following courses:
- ENV 248 Intro to Water Resources (3 cr.)
- ENV 330 Wildlife Ecology and Mgmt (3 cr.)
- ENV 339 Wetlands Ecology & Mgmt (3 cr.)
- ENV 421 Environmental Policy (3 cr.)
- ENV 431 Freshwater Ecology (3 cr.)
- ENV 433 River Ecology (3 cr.)
- GEL 343 Hydrology (4 cr.)
- GEL 346 Environmental Geology (3 cr.)

h. Analytical Techniques Electives:
A minimum of six (6) credits from the following courses:
- ENV 319 Intro Modeling Env. Systems (3 cr.)
- ENV 355 Principles of Remote Sensing (3 cr.)
- ENV 419 Geographic Information Systems Applications (3 cr.)
- ENV 455 Advanced Remote Sensing (3 cr.)
i. ENV electives at the 300/400 level (3 cr.)

B. Cognate Requirements: (18 cr.)
1. MAT 131 Quantitative Reasoning in Basic Math (3 cr.) or
   MAT 221 Calculus Life, Management and Social Sciences I (3 cr.)
2. BIO 102 Concepts in Biology (4 cr.)
3. CHE 101 General Chemistry I (4 cr.)
4. Select one course: (4 cr.)
   - GEL 101 Physical Geology (4 cr.)
   - GEL 152 Geology in the Field (4 cr.)
5. Select one course: (3 cr.)
   - MAT 161 Introduction to Statistics (3 cr.)
   - ENV 333 Biostatistics (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

Environmental Studies Major
Bachelor of Arts
Curriculum 0110 Requirements

CREDITS

MAJOR REQUIREMENTS 53-54
A. Program Requirements: (46-47 cr.)
1. GEG 121 Human Geography (3 cr.)
2. ENV 201 Environment & 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 & Environmentalism (3 cr.)
7. ENV 340 Environmental Science Seminar (AWR) (3 cr.) or
   GEG 450 Geographical Themes and Concepts (AWR) (3 cr.)
8. Policy, Planning and Management (9 cr.) - at least one course from each category
   a. Policy /Management (select at least one course)
      - ENV 321 Environmental Law (3 cr.)
      - 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 & Culture (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.)*
      - INT 365 Poverty, Disease, and the Environment (3 cr.)
      - ENV 307 World Environments & People (3 cr.)
      - GEG 332 Environmental Justice (3 cr.)*
      - GEG 319 Geography of New York State (3 cr.)
      - GEG 331 Recreation and Tourism (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 330 Wildlife Ecology and Management (3 cr.)
ENV 337  Field Ecology (3 cr.)
ENV 339  Wetlands Ecology and Management (3 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.)
   PED 175  Sea Kayaking I (3 cr.)
   PED 180  Rock Climbing I (1 cr.)
   PED 183  Ice Climbing I (1 cr.)
   PED 186  Free-heel Skiing (1 cr.)
   PED 195  Whitewater Kayaking (1 cr.)
   PED 201  CPR/Standard First Aid (1 cr.)
   EXP 360  Wilderness First Responder (3 cr.)
   EXP 370  Outdoor Sports & Culture (3 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)

Geography Major
Bachelor of Arts
Curriculum 0726 Requirements

MAJOR REQUIREMENTS 39
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 (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
   GEG 350  Introduction to Geographic Information Systems & Mapping (3 cr.)
8. Select one applied Geography course (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.)
   ENV 310  Environmental Planning (3 cr.)
   ENV 355  Remote Sensing (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.

Note: Students planning to apply to the Master’s of Science for Teachers Adolescence Education degree program should complete two semesters of a foreign language and take the Content Specialty Test (CST) in Social Studies prior to applying.
Geography Major
Bachelor of Arts
(Study Option in Global Social Studies)
Curriculum 0231 Requirements

CREDITS 75

MAJOR REQUIREMENTS

A. Content Area Requirements: (36 cr.)
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.)
4. GEG 124 World Geography: The Developing World (3 cr.)
5. GEG 133 Historical Geography of the U.S. (3 cr.)
6. GEG 304 Economic Geography (3 cr.)
7. GEG 319 Geography of New York State (3 cr.)
8. Geography of the Americas (3 cr.), select one course:
   - GEG 316 Geography of Canada (3 cr.)
   - GEG 317 Geography of South America (3 cr.)
9. World Regional Geography (3 cr.), select one course:
   - GEG 312 Geography of Russia (3 cr.)
   - GEG 314 Geography of Europe (3 cr.)
   - GEG 335 Geography of Southeast Asia (3 cr.)
10. Global Environmental Issues (3 cr.), select one course:
    - GEG 303 Environmental Conservation (3 cr.)
    - GEG 332 Environmental Justice (3 cr.)
11. Planning Principles (3 cr.), select one course:
    - GEG 307 Urban Geography and Planning (3 cr.)
    - GEG 301 Global Planning Principles (3 cr.)
12. GEG 450 Geography: Themes and Concepts AWR (3 cr.)

B. Cognate Requirements: (39 cr.)
1. HIS 101 U.S. Civilization to 1877 (3 cr.)
2. ANT 102 Cultural Anthropology (3 cr.)
3. PSC 100 U.S. National Politics (3 cr.)
4. ECO 101 Introduction to Economics (3 cr.)
5. PSY 101 Introduction to Psychology (3 cr.)
6. SOC 101 Introduction to Sociology (3 cr.)
7. HIS 102 U.S. Civilization Since 1877 (3 cr.)
8. Western Civilization: select one course (3 cr.):
   - HIS 121 European Civilization to 1815 (3 cr.)
   - HIS 122 European Civilization Since 1815 (3 cr.)
9. HIS 132 Modern Global History 1500-Present (3 cr.)
10. Canada and/or non-Western history (3 cr.), select one course:
    - HIS 161 Latin America 1492-1825 (3 cr.)
    - HIS 162 Middle & Modern Latin America (3 cr.)
    - HIS 171 Canada to 1860s (3 cr.)
    - HIS 172 Canada from 1860s (3 cr.)
    - HIS 173 French/North America to 1880 (3 cr.)
    - HIS 174 French/North America since 1860s (3 cr.)
    - HIS 178 Chinese Civilization (3 cr.)
11. Upper-division history elective (3 cr.)
12. HIS 396 Teaching Social Studies Methods (3 cr.)
13. HED 310 Foundations of Personal Health (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum grade of C in all of the courses taken under the major requirements above.

Note: Students planning to apply to the Master’s of Science for Teachers Adolescence Education degree program should complete two semesters of a foreign language and take the Content Specialty Test (CST) in Social Studies prior to applying.

Geology Major
Bachelor of Science
Curriculum 0756 Requirements

CREDITS 70-72

MAJOR REQUIREMENTS

A. Departmental Requirements: (45 cr.)
1. Required Courses (30 cr.)
   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 Information 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 (3 cr.)
   - GEL 343 Hydrology (4 cr.)
GEL 346  Environmental Geology (3 cr.)
GEL 352  Geologic Field Methods (2 cr.)
GEL 441  Groundwater Hydrology (3 cr.)
GEL 446  Applied Environmental Geology (4 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.)
3. PHY 111  General Physics (4 cr.)
4. PHY 112  General Physics II (4 cr.)
5. MAT 161  Introductory Statistics (3 cr.) or ENV 333  Biostatistics (3 cr.)
6. MAT 221  Calculus for Life, Management, and Social Sciences (3 cr.) or MAT 224  Calculus I (4 cr.)
7. MAT 222  Calc for Life, Management, and Social Sciences (3 cr.) or MAT 225  Calculus II (4 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

Geology Major
Bachelor of Arts
Curriculum 0714 Requirements

CREDITS

MAJOR REQUIREMENTS 59-60
A. Departmental Requirements: (42 cr.)
1. GEL 101  Physical Geology (4 cr.)
2. GEL 102  Evolution of the Earth (4 cr.)
3. GEL 310  Earth Materials I (4 cr.)
4. GEL 323  Earth Materials II (4 cr.)
5. GEL 324  Sedimentology (4 cr.)
6. GEL 451  Field Geology and Structures (4 cr.)
7. GEL 440  Geology Seminar (AWR) (3 cr.)
8. Departmental Electives: (15 cr.)
   ENV 350  Intro to Geographic Information Systems and Mapping (3 cr.)
   ENV 355  Principles of Remote Sensing (3 cr.)
   GEL 305  Energy and Mineral Resources (3 cr.)
   GEL 307  Geochemistry (3 cr.)
   GEL 335  Extinction (3 cr.)
   GEL 341  Geomorphic Processes (3 cr.)
   GEL 343  Hydrology (4 cr.)
   GEL 346  Environmental Geology (3 cr.)
   GEL 352  Geologic Field Methods (2 cr.)
   GEL 441  Groundwater Hydrology (3 cr.)
   GEL 446  Applied Environmental Geology (3 cr.)

B. Cognate Requirements (18 cr.)
1. CHE 101  General Chemistry (4 cr.)
2. One of the following:
   MAT 131  Quantitative Reasoning in Basic Math (3 cr.) or
   MAT 221  Calculus for Life, Management, and Social Sciences (3 cr.)
3. PHY 101  Introduction to Physics (4 cr.)
4. Biology with laboratory (4 cr.)
5. MAT 161  Introductory Statistics (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

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

CREDITS

MAJOR REQUIREMENTS 65-68
A. Departmental Requirements: (44-45 cr.)
1. Required Courses (35-36)
   GEL 101  Physical Geology (4 cr.)
### ACADEMIC DEPARTMENTS, CENTERS, AND MAJOR PROGRAMS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GEL 102</td>
<td>Evolution of the Earth</td>
<td>4 cr.</td>
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<td>GEL 441</td>
<td>Groundwater Hydrology</td>
<td>3 cr.</td>
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<tr>
<td>GEL 300/400</td>
<td>Level (3-4 cr.)</td>
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</tbody>
</table>

2. **Departmental Electives:** (9 cr.)
   
   - 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.)

### EDUCATIONAL STUDIES AND SERVICES DEPARTMENTS

#### Department of Adolescence Education/Health Education: Sibley 302

- **Associate Professors:** L. Beach (chairperson), M. Beatham, H. Schnackenberg
- **Assistant Professor:** M. Maughan
- **Adjunct Faculty:** W. Bianchi, K. Gratto, two additional positions

#### Department of Childhood Education: Sibley 302

- **Chairperson:** M. Morgan
- **Associate Professors:** K. Agne, M. Nelson, B. Nevard, D. Selwyn
- **Assistant Professor:** S. Mody
- **Lecturers:** K. Larkin, J. Mockry, B. O’Brien
- **Adjunct Faculty:** B. Bassett, G. Caudle, J. Howard, T. Wilfore, three additional positions

#### Department of Literacy Education: Sibley 302

- **Associate Professors:** R. Ackland (chairperson), A. Bobys, P. Snowden
- **Assistant Professors:** J. Hunt
- **Adjunct Faculty:** J. Clancy, C. Dodds, F. Gregware, M. Ingraham, C. Jennings, J. Roemischer, J. Worthington, four additional positions

#### Department of Special Education: Sibley 302

- **Professor:** K. Whittier (chairperson)
- **Associate Professor:** B. deGrandpre
- **Assistant Professor:** D. Simard
- **Lecturer:** C. McCarty
- **Adjunct Faculty:** L. Richardson, three additional positions

#### Office of Field Experience and Student Teaching: Sibley 300

- **Director:** J. Petrillo
- **Assistant Director:** C. Marsh
- **Lecturer:** B. Wright
- **Adjunct Faculty:** L. Dufort, W. Gaggin, D. Morrison, J. O’Gilvie, R. Schiller, C. Whitman, eight additional positions

### National Accreditation

The New York State Board of Regents has mandated that all teacher education programs in the state be accredited. SUNY Plattsburgh is actively pursuing national accreditation following a plan approved by the State Education Department. The accreditation process requires a comprehensive application that documents...
ongoing curriculum and program review, together with assessment of such quality indicators as program completers’ characteristics, admissions requirements, adequacy of facilities and budget, professional preparation of faculty, and other information to meet rigorous state and national professional standards.

To comply with accreditation requirements, the Professional Teacher Education Program Policies and Procedures Handbook is presently under revision.

Notice of Education Program Changes

Because teacher education certification programs and requirements may change, it is the student’s responsibility to be fully aware of all graduation requirements necessary for certification. Education majors should make it a practice to check with the Director of Field Experience and Student Teaching, consult with the appropriate department chairperson, attend group advising sessions sponsored by their department, and make regular appointments with their advisors to select and schedule courses.

The Departments of Educational Studies and Services will comply with any new SUNY or NYS Education Department regulations needed to allow education majors who follow and complete the appropriate programs to be recommended for certification. Every effort will be made to contact education majors about any changes in program requirements, but students are ultimately responsible for meeting program requirements.

Application for Initial Teacher Certification

United States citizenship is not required for initial certification. However, professional certification is available only to citizens and lawfully admitted permanent residents of the United States.

Pre-service teachers who are eligible to receive an initial certificate should visit our TEACH tutorial website located at www.plattsburgh.edu. Click on Faculty & Staff at the top. Under Classroom resources, go to Faculty Websites, then click on DelGaudio, Bethanne. There you will find access to the TEACH application, the TEACH waiver consent form, and tutorial information. A nonrefundable certification fee of $50 (for each certificate) made payable to the NYS Education Department must be included.

NYS Teacher Certification Titles

Initial Certificate
* Earned baccalaureate degree
* College recommendation for NYS certification
* Pass three NYSTCE exams: LAST, CST, ATS-W (plus CST-Disabilities and CST-Multisubjects for Special Education candidates)
* Lifespan: valid for five years (a one-year extension possible with 24 semester hours of approved graduate study)

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

Those pre-service teachers who are recommended for NYS certification on or after Feb. 2, 2004 will become eligible to receive an Initial certificate. This certificate will allow the bearer to teach in a NYS school for a period of three years. (A possible one-year extension may be granted with the completion of 24 semester hours of approved graduate study.) 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 Plattsburgh by the satisfactory completion of HED 310 (taken after 2001) 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) Assessment of Teaching Skills: Written (ATS-W)
   c) Content Specialty Test (CST)
   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 the ATS-W should be taken either during your professional semester (first-semester senior) or during 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.

Shared Vision and Guiding Principles

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 caring, competent, and qualified relative to NYSED standards;
who are anchored in the university’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 university departments, schools, and communities, our professional education programs prepare reflective, facilitative educators at the provisional/initial level, and proficient reflective educators at the advanced levels. 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 core elements of the shared vision are summarized in nine program themes. These indicate that as education professionals, we are committed to nurturing among ourselves and our students an orientation toward:

1) Assessing learning;
2) Collaborating with colleagues;
3) Mastering content knowledge;
4) Providing contextualized experiences;
5) Modeling appropriate practices;
6) Understanding diverse learners;
7) Using developmentally appropriate practices;
8) Fostering critical thinking and effective problem solving; and
9) Applying technology in learning.

Degrees and Programs in Education

Degrees
The Bachelor of Science and the Bachelor of Science in Education require at least 60 credit hours in liberal arts, including electives. The Bachelor of Arts requires 90 credit hours in liberal arts, including electives.

Programs

Childhood Education (Grades 1-6): 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/Childhood Education (Grades 1-6): This program provides preparation for teaching students with mild and moderate disabilities. This preparation includes teaching approaches applicable to those students identified as learning disabled, mentally retarded, and emotionally disturbed. Students completing this program can apply for certification in both special and childhood 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.

Study Away Programs and Initiatives in Education:
Plattsburgh State has semester or full academic year exchange programs with a number of colleges and universities in Great Britain. 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 International Programs and Exchanges.

Extension Center Courses:
Students may pursue the B.S. in Childhood Education program through courses taken at the SUNY Plattsburgh Extension Center at Adirondack Community College in Queensbury, New York. For more information on the Extension Center, see page 11 of this catalog.

Requirements for All Education Programs

Fingerprinting: Education majors seeking teacher certification must arrange to have their fingerprints taken and sent to the NYSED. Fingerprinting packets are available in the Office of Field Experience and Student Teaching, Sibley 300.

Child Abuse and Neglect Instruction: Education majors seeking teacher 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 fulfilled through taking HED 310 or an equivalent course at Plattsburgh, candidates should contact their local BOCES for further information. A copy of BOCES’ official certificate of completion must be forwarded to the Registrar’s Office for annotation on candidates’ academic records.

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

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 or Spanish. (See the foreign language chairperson for further details.) The second-semester foreign language course will also satisfy the general education foreign language requirement.

Pre-Professional Skills Test (PPST): Students seeking admission into the professional education programs must have submitted passing scores of the Pre-Professional Skills Test (PPST) prior to enrolling in EDU 330—Exploring Educational Issues Through Writing. PPST exams are administered at Plattsburgh State and at other times at various university locations. Education program majors and potential transfer students, who may be otherwise eligible to enter EDU 330 in their first semester at SUNY Plattsburgh, are advised to take this exam as soon as possible since it must be taken at least one semester before enrolling in EDU 330. Students should contact the Departments of Educational Studies and Services Office for further information about the PPST exam.

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

By the end of the first semester of their sophomore year, all education majors and transfer students seeking to enter an education program must meet the following eligibility requirements for ALL education majors:

1. Minimum overall GPA of 2.5 (not including education classes);
2. Minimum grade of 2.0 in English 101;
3. Completion of at least 30 credits overall;
4. Take and pass all required subtests—math, reading, and writing—of the Pre-Professional Skills Test (PPST);
5. Students should take the LAST/NYSTCE exam only after completing the content majors and concentrations.

Students who are admitted to an education program must complete all required education courses with a C or better to continue to the next higher level in the education sequence. Education majors who fall below a 2.5 minimum will not be allowed to progress in their program, but they will be allowed to retake any education course once. An advisor will assist students in making appropriate professional decisions. Screening and guidance will occur throughout the professional sequence.

Pre-Student Teaching Education Program and Field Experience (Practicums/Internships/Blocks)

Pre-Student Teaching Education Program: Successful progression through the education program requires satisfactory attainment of prescribed competencies. These competencies are gained through a planned sequence encompassing several semesters. This theory-based, experience-oriented program culminates in a senior field experience referred to as 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. Completion of the sequences requires education course work for majors as follows: 50 credits for childhood education and 57 credits for special/childhood education.

Senior Field Experience (Student Teaching)

Student teachers test ideas, assume responsibility, and develop competencies in performing the role of a teacher. The childhood education major participates in student teaching at both the primary and intermediate levels. Students enrolled in the special education/childhood education major receive placement in both special and childhood education classrooms.

At the beginning of every spring semester, ALL education majors qualified to student teach during the following fall or spring semesters must attend a mandatory student teaching application session. 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. With the exception of New York City, students may be required to relocate to any of these regions. All placements are arranged by the Office of Field Experience and Student Teaching. No additional course work 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 and in EDU 330 Exploring Educational Issues Through Writing;
4. Pass all Pre-Professional Skills Test (PPST) examinations;
5. Completion of all required coursework in general education and area of concentration;
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 HED 310 Foundations of Personal Health and EDU 357 Use of Media in Education.

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. Overall GPA of 2.5;
3. No education courses including HED 310 below a C;
4. Pass all PPST examinations;
5. Successful completion of student teaching (P);
6. HED 310 or its equivalent (must include substance abuse awareness, child abuse and neglect, and school violence prevention and intervention instruction);
7. Foreign language;
8. Completion of all field-related requirements; and

(Note: Failure to complete Student Teaching successfully prohibits a student from obtaining a degree in education.) In order to obtain NYS teacher certification, all students must take and pass three NYSTCE exams (LAST, ATS-W, CST); submit fingerprint package to NYS; and apply for NYS teacher certification.

Childhood Education (Grades 1 - 6) Major
Bachelor of Science

Note: This program is under revision. Contact the department chair for the latest approved program.

CREDITS 83-91

MAJOR REQUIREMENTS

A GPA of 2.5 and a passing grade on the PPST are required before a student can be admitted into any required education course.

A. Departmental Requirements: (50 cr.)

Professional Education:

(suggested sequence)

a. EDU 330 Exploring Educational Issues Through Writing (AWR) (3 cr.)
   Semester One: (16 cr.)
b. EDR 315 Multicultural Competencies and the Language Arts (3 cr.)
c. EDU 357 Use of Media in Education (1 cr.)
d. EDU 371 Psychological Foundations of Elementary Education (6 cr.)
e. EDU 380 Topics: Social Foundations of Education (3 cr.)
f. EDU 391 Science for Elem School Teachers (for non-science majors) (3 cr.)

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

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

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

C. Liberal Arts Concentration: (30-35 cr.)
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 Intro 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. BIO 12 credits of biology by advisement (200 level or above)
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. CHE 12 credits of chemistry by advisement (200 level or above)
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 by advisement (200 level or above) (3-4 cr.)
4. 10-11 credits of earth science by advisement (200 level or above)

**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* or 0224**): 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. ANT102 Comparative Cultures (3 cr.)
2. Three (3) credits from appropriate study area of GE4 (e.g., FRE348 French Civilization in English satisfies Western Civilization requirement (3 cr.)
3. Language Studies (24 cr.): FRE213 and FRE214 (6 cr.) and 18 credits in intermediate and advanced language studies (300/400 level); candidates are encouraged to complete up to 12 credits of language study in a Francophone country, preferably in the sophomore or junior year, or in an immersion program.

### g. Mathematics Concentration (Curr 0148* or 0225**): 30 cr.
1. MAT 161 Introductory Statistics (3 cr.)
2. Each of the following courses (12 cr.):
   - CSC 121 Fund Concepts of Computing (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 163 Finite Mathematics (3 cr.)

### h. Music Concentration (Curr 0181): 32-38 cr.
Students wishing to declare the music concentration must first pass an audition on their principal instrument. Please consult the music chairperson to schedule an audition. Students must complete 18 credits at the 300/400 level in music courses within the concentration.

**Music Fundamentals:** (3-9 cr.)
1. MUS 110 Music Appreciation (3 cr.)
2. MUS 120 Fundamental Musicianship (3 cr.) or Proficiency by Exam (0 cr.)
3. MUS 283 Piano Class (3 cr.) or Proficiency by Exam (0 cr.)
4. MUS 383 Piano Class II (3 cr.) or Proficiency by Exam (0 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.)
   - (MUS 121 and MUS 383 are taken concurrently)

**Advanced piano students take MUS 233 Voice Class (3 cr.) and MUS 293 Guitar Class (3 cr.) in place of MUS 283/383.**

**Music History:** (3 cr.)
1. 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.) *(1 credit per semester)*

Upper-Level Music Elective: (3 cr.)
1. 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.)

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

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.

Social Studies Concentration (Curr 0146* or 0223**): 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 not taken under General Education.
7. Political Science (PSC311 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.

Spanish Concentration (Code 0132): 30 cr.
1. ANT102  Comparative Cultures (3 cr.)
2. An appropriate area studies course (i.e., HIS161 or HIS162) (3 cr.)

Language Studies (24 cr.):
1. SPA213  Intermediate Spanish I (3 cr.)
2. SPA214  Intermediate Spanish II (3 cr.)
3. Advanced language studies (300/400 level); candidates are encouraged to complete up to 12 credits of language study in an Hispanic country, preferably in the sophomore or junior year, or in an immersion program (18 cr.).

TOTAL CREDITS minimum 120-128 (including General Education Requirements)

Note: Some courses in the cognate and major requirements may be used to meet general education requirements.

ADDITIONAL DEGREE REQUIREMENTS:
A minimum of 60 liberal arts credits is required for a B.S. See pages 100-102 for detailed information pertaining to the following requirements:
1. Language requirement (other than English)
2. Pre-professional Skills Test (PPST)
3. Student Teaching admission requirements
4. Minimum grade of C in all required education courses

*Curriculum code for candidates taking most courses at SUNY Plattsburgh’s main campus
**Curriculum code for candidates taking most courses at SUNY Plattsburgh’s Extension Center

Special and Childhood Education (Grades 1 - 6) Major
Bachelor of Science in Education

CREDITS 92-100

MAJOR REQUIREMENTS

A. Departmental Requirements: (57 cr.)

Professional Education (suggested sequence)
   a. EDU 330  Exploring Educational Issues Through Writing (AWR) (3 cr.)
   b. EDM 453  Introduction to Teaching/Learning Elementary Mathematics (3 cr.)
   c. EDR 315  Multicultural Competencies and the Language Arts (3 cr.)
d. EDS 410 Foundations Special Education (3 cr.)
e. EDU 391 Science for Elementary School Teachers (3 cr.)
f. EDU 432 Teaching Social Studies K-9 (3 cr.)
Cluster Two: (15 cr.)
g. EDR 318 Fundamentals of Reading Curriculum and Instruction (3 cr.)
h. EDS 461 Applied Behavior Management (3 cr.)
i. EDS 481 Assessment in Special Education (3 cr.)
j. EDS 482 Curricular Practices in Special Education (6 cr.)
Cluster 3: (9 cr.)
k. EDS 429 Family and Interdisciplinary Collaboration (3 cr.)
l. EDS 483 Special Education Practicum (6 cr.)
Cluster 4: (15 cr.)
m. EDT 495 Student Teaching in the Elementary School for Special Education
n. EDT 497 Student Teaching in Special Education (8 cr.)

B. Cognate Requirements: (5 cr.)
To be met prior to Student Teaching:
1. EDU 357 Use of Media in Education (1 cr.)
2. EDU 359 Integrating Technology into Teaching (1 cr.)
3. HED 310 Foundations of Personal Health (3 cr.)

C. Liberal Arts Concentration: (30-38 cr.)
See Childhood Education Grades 1-6 for concentration requirements. The following is a list of codes assigned to special and childhood education majors:
1. Art - 0214
2. Biology - 0204
3. Chemistry - 0205
4. Earth Science - 0206
5. English - 0211
6. French - 0213
7. Mathematics - 0210
8. Music - 0215
9. Social Studies - 0208
10. Spanish - 0212
11. Concentrations not declared - 0207

TOTAL CREDITS minimum 120-137 (including General Education Requirements)

Note: Some courses in major requirements and liberal arts concentration may be used to meet general education requirements.

ADDITIONAL DEGREE REQUIREMENTS
A minimum of 60 liberal arts credits is required for a B.S.Ed. See pages 100-102 for detailed information pertaining to requirements one through four:
1. Two semesters of language (other than English)
2. Pre-professional Skills Test (PPST) (to be taken prior to second semester of the sophomore year)
3. Student Teaching admission requirements
4. A minimum grade of C in all required education courses.
5. Independent Observation Requirement: Students are required to complete 30 hours of classroom observations in two or more of the following settings: regular education classes; special education classes; special education resource rooms and regular education classes to which a special education consultant teacher has been assigned. This requirement is a prerequisite for entry into EDS 482 Curricular Practices in Special Education, and will be evaluated in connection with that course. See your advisor for additional information and forms.

Biology Adolescence Education (7-12) Major
See B.A. Biology/M.S.T. Adolescence Education in the Combined Programs section of this catalog.

Chemistry Adolescence Education (7-12) Major
See B.A. Chemistry/M.S.T. Adolescence Education in the Combined Programs section of this catalog.

Earth Science Adolescence Education (7-12) Major
See B.A. Geology/M.S.T. Adolescence Education in the Combined Programs section of this catalog.

English Adolescence Education (7-12) Major
See B.A. English/M.S.T. Adolescence Education in the Combined Programs section of this catalog.

French Adolescence Education (7-12) Major
See B.A. French/M.S.T. Adolescence Education in the Combined Programs section of this catalog.
Mathematics Adolescence Education (7-12) Major

See B.A. Mathematics/M.S.T. Adolescence Education in the Combined Programs section of this catalog.

Physics Adolescence Education (7-12) Major

See B.A. Physics/M.S.T. Adolescence Education in the Combined Programs section of this catalog.

Social Studies Adolescence Education (7-12) Major

See B.A. History/M.S.T. Adolescence Education in the Combined Programs section of this catalog.

Spanish Adolescence Education (7-12) Major

See B.A. Spanish/M.S.T. Adolescence Education in the Combined Programs section of this catalog.

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 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

University Distinguished Teaching Professors:
D. Kutzer, T. Morrissey (Chairperson)

Professors: A. Battigelli, B. Butterfield, A. Levitin, J. Shout

Associate Professors: T. Church-Guzzio, P. Johnston, E. Ostry, J. Torres-Padilla

Assistant Professors: J. Chatlos, L. Kiefer, L. Young

Lecturers: L. Bergamini, M. Carrino, A. Mueller, S. Stewart

Adjunct Faculty: Twelve positions

The English Department offers three program options for the English major—one in literature, one in writing, and a pre-professional program in English Language Arts. Both the literature option (0777) and the writing option (0776) 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 English Language Arts program (0299) or, if qualified, the combined Bachelor of Arts/Master of Science for Teachers program (221), which is jointly administered by the English Department and the Adolescence Education/Health Education Department. 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 Major

Bachelor of Arts or Bachelor of Science
(Study Option in Writing)
Curriculum 0776 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 [Writing] may satisfy this requirement with any lower-level literature course.)
2. ENG 196 Fundamentals of Literary Study II: Trends and Movements (3 cr.) or ENG 251 History of Western World Literature II (3 cr.)
3. ENG 250 History of Western World Literature I (3 cr.)
4. ENG 301 Expository Writing (AWR) (3 cr.)
5. ENG 364 Shakespeare (3 cr.)

B. Writing Requirements from the following (12 cr.)

(maximum of 6 cr. in JOU courses):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 201</td>
<td>Creative Writing (3 cr.)</td>
</tr>
<tr>
<td>ENG 208</td>
<td>Intro to Writing Poetry (3 cr.)</td>
</tr>
<tr>
<td>ENG 209</td>
<td>Intro to Writing Fiction (3 cr.)</td>
</tr>
<tr>
<td>ENG 302</td>
<td>Writing Poetry (3 cr.)</td>
</tr>
<tr>
<td>ENG 303</td>
<td>Writing Fiction (3 cr.)</td>
</tr>
<tr>
<td>ENG 304</td>
<td>Technical &amp; Professional Writing (3 cr.)</td>
</tr>
<tr>
<td>ENG 305</td>
<td>Composition Skills for Teachers (3 cr.)</td>
</tr>
<tr>
<td>ENG 306</td>
<td>Topics in Writing (3 cr.)</td>
</tr>
<tr>
<td>ENG 318</td>
<td>Playwriting (3 cr.)</td>
</tr>
<tr>
<td>ENG 333</td>
<td>Writing Creative Nonfiction (3 cr.)</td>
</tr>
<tr>
<td>ENG 340</td>
<td>Literary Criticism (AWR) (3 cr.)</td>
</tr>
<tr>
<td>ENG 406</td>
<td>Advanced Poetry Writing (3 cr.)</td>
</tr>
</tbody>
</table>
ENG 407 Advanced Fiction Writing (3 cr.)
ENG 494 Honors Project Tutorial in Writing (3 cr.)
ENG 495 Honors Project in Writing (3 cr.)
ENG 499 Independent Study in Writing (3 cr.)
JOU 307 Opinion and Review (3 cr.)
JOU 308 Reporting and Newswriting (AWR) (4 cr.)
JOU 309 Magazine Article Writing (AWR) (3 cr.)
JOU 320 Literary Journalism (3 cr.)
JOU 403 Magazine Practicum (1-2 cr.)
JOU 409 Env and Science Writing (AWR) (3 cr.)

C. Literature Requirements (9 cr. at 300/400 level):
1. Any upper-level literature courses (9 cr.)

D. English Electives (3 cr.):
1. Literature or writing course

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 Major
Bachelor of Arts or Bachelor of Science
(Study Option in Literature)
Curriculum 0777 Requirements

CREDITS 52

MAJOR REQUIREMENTS
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.)
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.

English Major
Bachelor of Arts or Bachelor of Science
(Study Option in English Language Arts)
Curriculum 0299 Requirements

CREDITS 35-43

MAJOR REQUIREMENTS
A. Departmental Requirements (28 cr.):
1. ENG 101 Composition (3 cr.)
2. ENG 195 Fundamentals of Literary Study I:
The Literary Object (3 cr.)
3. ENG 196 Fundamentals of Literary Study II:
Trends and Movements (3 cr.)
4. ENG 295 Ancient Myth & Modern Mythmaking (3 cr.)
5. ENG 307 Composition Skills for Teachers (3 cr.)
6. ENG 308 Environments Writing (AWR) (3 cr.)
7. ENG 364 Shakespeare (3 cr.)
8. ENG 163 Introduction to Film & Literature (3 cr.)
9. Choose one course from the following:
   ENG 250 History of Western World Literature (3 cr.)
   ENG 295 Ancient Myth & Modern Mythmaking (3 cr.)
10. Writing Requirements from the following (6 cr.):
a. ENG 301 Expository Writing (AWR) (3 cr.)
b. Choose one course from the following (3 cr.)
   ENG 201 Creative Writing (3 cr.)
   ENG 306 Topics in Writing (3 cr.)
   ENG 390 Training for Writing Tutors (3 cr.)
11. Literature Requirement from the following (18 cr.):
a. ENG 461 Young Adult Fiction (3 cr.)
b. Literary Period (6 cr.)
   Choose one upper-level American literature course (3 cr.)
   Choose one upper-level British literature course (3 cr.)
c. Multicultural Literature: Choose one course from the following (3 cr.)
   ENG 170 Multicultural American Literature (3 cr.)
ENG 270 Introduction to African American Literature (3 cr.)
ENG 271 Latina/o Literature in the U.S. (3 cr.)
d. Literature electives (6 cr. of any upper-level literature courses)

B. Cognate Requirement (1 cr.):
Choose one course from the following:
LIB 102 Introduction to Information Management (1 cr.)
LIB 105 Introduction to Information & Technology Literacy (1 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in English (ENG) 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-credit PED 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 Idea 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 rock climbing, ice climbing, sea kayaking, or backcountry skiing; a supplemental concentration building on both the liberal arts and advanced skill development; and a two-sequence 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

CREDITS 46-48

Major Requirements
A. Departmental Requirements (18 cr.)
1. EXP 101 The History and Culture of The Expedition (3 cr.)
2. Select three courses (9 cr.)
   EXP 370 Outdoor Sport and Culture (3 cr.)
   HIS 330 The Natural History of Exploration (3 cr.)
   PHI 350 Environmental Ethics (3 cr.)
   PHI 360 Topics: The Ethics of Outdoor Leisure (3 cr.)
   GEG 332 Environmental Justice (3 cr.)
3. EXP 435 Expedition Theory and Planning (AWR) (3 cr.)
4. EXP 436 Senior Expedition (3 cr.)

B. Disciplinary Specialization (complete 14 credit hours in one specialization from rock climbing, ice climbing, sea kayaking, or skiing) (14 cr.)
1. Rock Climbing (14 cr.)
   PED 180 Rock Climbing I (1 cr.)
   PED 181 Rock Climbing II (1 cr.)
   EXP 380 The Rock Climbing Process (3 cr.)
   EXP 381 The Rock Climbing Process II (3 cr.)
   EXP 480 Rock Climbing Leadership (3 cr.)
   EXP 481 Rock Climbing Leadership II (3 cr.)
2. Ice Climbing (14 cr.)
   PED 183 Ice Climbing I (1 cr.)
   PED 184 Ice Climbing II (1 cr.)
   EXP 383 The Ice Climbing Process (3 cr.)
   EXP 384 The Ice Climbing Process II (3 cr.)
   EXP 483 Ice Climbing Leadership (3 cr.)
   EXP 484 Ice Climbing Leadership II (3 cr.)
3. Free-heel Skiing (14 cr.)
   PED 186 Free-heel Skiing I (1 cr.)
   PED 187 Free-heel Skiing II (1 cr.)
   EXP 386 The Backcountry Skiing Process (3 cr.)
   EXP 387 The Ski Mountaineering Process II (3 cr.)
   EXP 486 Ski Mountaineering Leadership (3 cr.)
   EXP 487 Ski Mountaineering Leadership II (3 cr.)
4. **Sea Kayaking (14 cr.)**
   One of the following groups:
   A. PED 175 Sea Kayaking I (1 cr.)
   PED 176 Sea Kayaking II (1 cr.) or
   B. PED 195 Whitewater Kayaking I (1 cr.)
   PED 196 Whitewater Kayaking II (1 cr.) and
   EXP 375 Kayak Touring I (3 cr.)
   EXP 376 The Sea Kayak Ocean Experience II (3 cr.)
   EXP 475 Sea Kayak Leadership (3 cr.)
   EXP 476 Sea Kayak Leadership II (3 cr.)
   C. **Supplemental Concentration (14-16 cr., selected from 1-11 below).** Selections from options 1-4 must differ from the specialization selected in “B. Disciplinary Specialization” and also require completion of all eight credit hours to satisfy the total credit hour requirement of the “Supplemental Concentration”.
   1. **Rock Climbing (8 cr.)**
      PED 180 Rock Climbing I (1 cr.)
      PED 181 Rock Climbing II (1 cr.)
      EXP 380 The Rock Climbing Process (3 cr.)
      EXP 381 The Rock Climbing Process II (3 cr.)
   2. **Ice Climbing (8 cr.)**
      PED 183 Ice Climbing I (1 cr.)
      PED 184 Ice Climbing II (1 cr.)
      EXP 383 The Ice Climbing Process (3 cr.)
      EXP 384 The Ice Climbing Process II (3 cr.)
   3. **Free-heel Skiing (8 cr.)**
      PED 186 Free-heel Skiing I (1 cr.)
      PED 187 Free-heel Skiing II (1 cr.)
      EXP 386 The Ski Mountaineering Process (3 cr.)
      EXP 387 The Ski Mountaineering Process II (3 cr.)
   4. **Sea Kayaking (8 cr.)**
      One of the following groups:
      A. PED 175 Sea Kayaking I (1 cr.)
      PED 176 Sea Kayaking II (1 cr.) or
      B. PED 195 Whitewater Kayaking I (1 cr.)
      PED 196 Whitewater Kayaking II (1 cr.)
      Both of the following:
      EXP 375 Kayak Touring (3 cr.)
      EXP 376 The Sea Kayak Ocean Experience II (3 cr.)
   5. GEG 290 Global Positioning Systems and Digital Mapping (3 cr.)
   6. EXP 360 Wilderness First Responder (3 cr.)
   7. PED 203 Lifeguard Training (3 cr.)
   8. ENV 321 Environmental Law (3 cr.)
   9. JOU 409 Environmental & Science Writing (3 cr.)
   10. EXP 304 Expeditionary Studies International Field Practicum (3-15 cr.)
   11. EXP 498 Internship (3-15 cr.)
   D. **Additional Requirement (0)**
      1. One of the following:
         a. Current Wilderness First Responder certification (0 cr.)

   TOTAL CREDITS minimum 120 (including General Education Requirements)

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### FOREIGN LANGUAGES AND LITERATURE DEPARTMENT

**Professor:** J. Kleist  
**Associate Professors:** I. Arredondo, F. Iturburu, J. Ouédraogo (chairperson), C. Sample  
**Assistant Professor:** M. Cusson  
**Lecturers:** O. Flores, M. Imaz, I. Lee, M. Queguiner, J. Torres  
**Adjunct Faculty:** Three to five positions

The Department of Foreign Languages and Literature offers baccalaureate programs in French and in Spanish and minor programs in French, German, and Spanish. It also offers, in conjunction with the Adolescence Education/Health Education Department, two combined undergraduate and graduate programs: B.A./M.S.T. French/Adolescence Education and B.A./M.S.T. Spanish/Adolescence Education. These programs lead to New York State teacher certification in Adolescence Education (grades 7-12). (See the Combined Programs section of this catalog.)

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 and broaden the knowledge and skills acquired in the programs of the following countries where the respective languages are spoken.

The department’s degree programs begin with a four-semester (12 credit) introductory language sequence (some or all of which qualified students can waive 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 cap-
stone experiences for majors, and to help them make the
transition to graduate-level study and to professional ca-
reers.

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 cul-
tures 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 Germany as well as the German-speaking
cultures of Austria and Switzerland.

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 accom-
plished 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 interre-
lated fields.

In addition to courses in French, German, and Span-
ish, 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 qual-
ified seniors) in French and in Spanish as well.

Faculty members of the department support and fre-
quently participate instructionally in the College’s Honors,
Women’s Studies, and Anthropology programs and di-
rect the interdisciplinary minor in Human Language and
Linguistics.

For further information concerning the major, mi-
nor, and advanced placement programs, please contact
the departmental office in Champlain Valley Hall (518-
564-2829). For additional information on NYS teacher
certification in foreign languages, please contact either
the departmental office or the Office of Educational Stud-
ies and Services in Sibley Hall (518-564-2122).

French Major
Bachelor of Arts or Bachelor of Science
Curriculum 0704 Requirements

CREDITS: 42

MAJOR REQUIREMENTS

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.)
   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 (3 cr.)
   FRE 348 French Civilization (3 cr.)
   FRE 496 French Foreign Language
      Methodology (3 cr.)
   LIN 221 Introduction to General Linguistics
      (3 cr.)

B. Cognate Requirement: (12 cr.)
1. 300/400-level courses in related areas, chosen
   by advisement.
ACADEMIC DEPARTMENTS, CENTERS, AND MAJOR PROGRAMS

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

4. Advanced Literature and Culture Courses: (9 cr.)
   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.)
   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 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

CREDITS

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 to Hispanoamérica I (3 cr.)

B. Cognate Requirement: (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

University Distinguished Service Professor: S. Voss
University Distinguished Teaching Professor: D. Skopp
Professors: V. Carey, J. Lindgren
Associate Professors: S. Beaudreau, W. Gordon (chairperson), J. Hornibrook, J. Rice
Assistant Professors: G. Kroll, J. Neuhaus, R. Schaefer, C. Shemo
Lecturers: K. Dann, M. Lance, S. Moore
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 Adolescence Education/Health Education Department, 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 not only a variety of disciplines associated with the study of history, such as geography, government, and anthropology, but also an array of history courses through which they can craft a teaching specialty in American, European, or global studies. In addition, prospective teachers study the theory and practice of history through a sophomore and junior seminar and a senior seminar in social studies pedagogy.

History Major
Bachelor of Arts or Bachelor of Science
Curriculum 0710 Requirements

CREDITS: 48-51

MAJOR 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 Eur Civilization to 1815
      HIS 122 Eur 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 Introduction to History (3 cr.)
   b. HIS 385 Junior Seminar (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 3 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 hours
   c. Foreign Language - 12 hours
   d. Six hours upper-level history credits, plus six additional hours, by advisement
   e. Area Studies/Theme: 12 hours 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 hours 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

CREDITS: 78-84

MAJOR REQUIREMENTS: (42 cr.)
1. Survey courses at 100 level (18 cr.):
ACADEMIC DEPARTMENTS, CENTERS, AND MAJOR PROGRAMS

a. HIS 101 U.S. Civilization to 1877 (3 cr.)
b. HIS 102 U.S. Civilization Since 1877 (3 cr.)
c. HIS 132 Modern Global History Since 1500 (3 cr.)
d. HIS 121 European Civilization to 1815 (3 cr.) or
   HIS 122 European Civilization Since 1815 (3 cr.)
e. Two of the following (in different regions):
   HIS 161 Colonial Latin America (3 cr.)
   HIS 162 Middle and Modern Latin America (3 cr.)
   HIS 171 Canada to the 1860s (3 cr.)
   HIS 172 Canada since the 1860s (3 cr.)
   HIS 173 French in North America to 1880s (3 cr.)
   HIS 174 French in North America since the 1880s (3 cr.)
   HIS 181 East Asian Civilization (3 cr.)
   HIS 188 Chinese Civilization (3 cr.)
2. Historical and Pedagogical Methods and Skills Courses (12 cr.):
   HIS 285 Introduction to History (3 cr.)
   HIS 385 Junior Seminar (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:
      PSY 101 Introduction to Psychology (3 cr.)
      ANT 102 Comparative Cultures (3 cr.)
      SOC 101 Introduction to Sociology (3 cr.)
      ECO 101 Principles of Economics (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)
Lecturer: J. Oertel
Instructor: O. Belser
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, 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; elder abuse and neglect; sociology of aging and death; and nutrition and the elderly. One semester of full-time, supervised field work...
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 to determine their eligibility to continue in the Human Development and Family Relations Program.

b) The human development and family relations faculty is 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 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 service courses taken at an other 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

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<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
<th>64 CREDITS</th>
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<tbody>
<tr>
<td>A. Departmental Requirements: (52 cr.)</td>
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<tr>
<td>1. HDF 211 Child Development (3 cr.)</td>
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<td>2. HDF 311 Family Contemporary Society (3 cr.)</td>
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<td>3. HDF 332 Socialization of Children in the Community (3 cr.)</td>
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<td>4. HDF 420 Adult Development &amp; Aging (4 cr.)</td>
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<td>5. HDF 421 Adolescence &amp; Society (3 cr.)</td>
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<td>6. CEM 151 Personal Resource Mgmt (3 cr.)</td>
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<td>7. CEM 361 Personal &amp; Family Finance (3 cr.)</td>
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<td>8. CLG 402 Intro to Counseling Techniques (3 cr.)</td>
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<td>9. CLG 403 Borderline Personality Disorder (3 cr.)</td>
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<td>10. FNI 191 Nutrition and Well Being (3 cr.)</td>
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<td>11. HDF or CEM Prefixed Course (3 cr.)</td>
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<td>12. Select one course: (3 cr.)</td>
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<tr>
<td>SWK 260 Introduction to Social Welfare (3 cr.)</td>
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<td>SWK 261 Human Services Agencies (3 cr.)</td>
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<tr>
<td>13. HDF 403 Fieldwork/Human Development and Family Relations (12 cr.)</td>
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<td>14. HDF 404 Seminar/Human Development and Family Relations (AWR) (3 cr.)</td>
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| 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 SWK260 or SWK261.

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 program coordinator 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

CREDITS

MAJOR REQUIREMENTS 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 Preschoolers (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. Select one course (3 cr.):
    SWK 260  Introduction to Social Welfare (3 cr.)
    or
    SWK 261  Human Services Agencies (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 SWK260 or SWK261.
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 program coordinator 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 67

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. FNI 292  Nutrition and the Elderly (3 cr.)
7. CLG 402  Intro to Counseling Techniques (3 cr.)
8. CLG 403  Applied Counseling Techniques (3 cr.)
9. Select one course (3 cr.):
    SWK 260  Introduction to Social Welfare (3 cr.)
    or
    SWK 261  Human Service Agencies (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: (21 cr.)
1. CMM 101 Introduction to Public Speaking (3 cr.)
2. HED 316 Public Health Programs (3 cr.)
3. HED 430 Critical Health Problems (3 cr.)
4. Select one course (3 cr.):
   HED 460 Death Education (3 cr.) or
   SOC 309 Sociology of Aging & Death (3 cr.)
5. PSY 101 General Psychology (3 cr.)
6. PSY 416 Psychology of Adult Development and Aging (3 cr.)
7. 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 SWK260 or SWK261.
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 program coordinator 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.
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 PROGRAM

Coordinator: K. Lavoie

This major is designed for students whose educational interests transcend traditional disciplines or department lines, or whose career or professional goals cannot be met by existing programs at Plattsburgh. It allows students to create their own major program with the help of a faculty advisor, subject to the approval of the Individualized Studies Major Committee.

The academic program must include as its base an approved minor program (18-24 hours) with appropriate cognate courses or a solid core of study (18 credits) in one discipline or two related disciplines totaling to a minimum of 36 credit hours. The program must also have overall coherence in the form of a central topic, theme, or problem. It should contain skills and concentrations which support the core. The program must contain a capstone experience consisting of independent study, an internship, or an honors project or an appropriate seminar. Completion of an approved AWR course, usually in the student’s minor.

*The 36 credit hour contracted major requirement is a minimum.

TOTAL CREDITS minimum 120
(including General Education Requirements)

Procedures for the Operation of Contracted Programs

1. After consulting with a faculty sponsor, the student must submit a proposal for an individualized studies major. The proposal must state specific educational goals, describe how they are to be met, and demonstrate that they cannot be met by an existing major program. Normally this must be accomplished before the first semester of the junior year.
2. The proposal must have the approval of the faculty committee for individualized studies.
3. The student will be advised by the faculty sponsor under the general supervision of the program coordinator for individualized studies.
4. Program changes not exceeding the substitution of 6-8 credit hours may be made by the student and the faculty sponsor. Proposals for major revisions must be submitted to the committee for individualized studies.
**JOURNALISM DEPARTMENT**

Professor: R. Davis (chairperson)  
Associate Professor: S. Murphy  
Assistant Professor: G. Schueller  
Lecturer: D. Aprill

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 magazine and the campus’s award-winning student newspaper, and prepare for their first job in journalism by interning, usually in Plattsburgh, their hometowns, or larger metropolitan areas. Students may also opt to complete a minor in journalism at Plattsburgh.

### Journalism: Newspaper Major  
Bachelor of Arts or Bachelor of Science  
Curriculum 0195 Requirements

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<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
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<tbody>
<tr>
<td>1. JOU 110 Introduction to Journalism (3 cr.)</td>
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<td>2. JOU 203 Computer Basics for Journalists (1 cr.)</td>
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<td>3. JOU 204 U.S. Press History (3 cr.)</td>
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<td>4. JOU 206 Introduction to News Writing (3 cr.)</td>
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<td>5. JOU 308 Reporting &amp; News Writing (AWR) (3 cr.)</td>
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<td>6. JOU 309 Magazine Article Writing (3 cr.)</td>
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<td>7. JOU 316 Desktop Publishing (3 cr.)</td>
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<td>8. JOU 317 Web Design and Production (3 cr.)</td>
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<td>9. JOU 318 Newspaper Design and Layout (3 cr.)</td>
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| 10. Select one course:  
  - CMM 348 Mass Communication Ethics (3 cr.) or  
  - CMM 455 Mass Media Law (3 cr.) | |
| 11. CMM 334 On-Camera Performance (3 cr.) | |
| 12. JOU 401 Editing (3 cr.) | |
| 13. Six practicum credits are required: five from  
  JOU 402 and/or JOU 406, one from JOU 403.  
  JOU 402 Editorial Newspaper Practicum (1-2 cr.) | |
| 14. JOU 403 Online Magazine Practicum (1-2 cr.) | |
| 15. JOU 406 Non-Editorial Newspaper Practicum (1-2 cr.) | |
| 16. JOU 408 Journalism Senior Seminar (0 cr.) | |
| 17. Three credits from the following:  
  - JOU 207 Introduction to Magazines (3 cr.)  
  - JOU 307 Opinion and Review (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 381 Topics in Journalism (1-3 cr. up to 6 cr.) | |
| 18. JOU 409 Environmental and Science Writing (3 cr.) | |
| 19. JOU 494 Honors Project Tutorial (3 cr.) | |
| 20. JOU 495 Advanced Honors Project (3 cr.) | |
| 21. CMM 311 Introduction to Public Relations (3 cr.) | |
| 22. CMM 421 Broadcast Journalism (3 cr.) | |
| TOTAL CREDITS | minimum 120 | (including General Education Requirements) |

### Journalism: Magazine Major  
Bachelor of Arts or Bachelor of Science  
Curriculum 0196 Requirements

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<th>MAJOR REQUIREMENTS</th>
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<td>1. JOU 110 Introduction to Journalism (3 cr.)</td>
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<td>2. JOU 203 Computer Basics for Journalists (1 cr.)</td>
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<td>3. JOU 206 Introduction to News Writing (3 cr.)</td>
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<td>4. JOU 207 Introduction to Magazines (3 cr.)</td>
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<td>5. JOU 308 Reporting and News Writing (3 cr.)</td>
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<td>6. JOU 309 Magazine Article Writing (3 cr.)</td>
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<td>7. JOU 316 Desktop Publishing (3 cr.)</td>
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<td>8. JOU 317 Web Design and Production (3 cr.)</td>
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<td>9. JOU 320 Literary Journalism (3 cr.)</td>
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<td>10. JOU 324 Travel Writing (3 cr.)</td>
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| 11. Six practicum credits are required: five from  
  JOU 403, one from JOU 402 or JOU 406:  
  - JOU 402 Editorial Newspaper Practicum (1-2 cr.) | |
| 12. JOU 403 Online Magazine Practicum (1-2 cr.) | |
| 13. JOU 406 Non-Editorial Newspaper Practicum (1-2 cr.) | |
| 14. JOU 408 Journalism Senior Seminar (0 cr.) | |
| 15. JOU 409 Environmental and Science Writing (AWR) (3 cr.) | |
| 16. JOU 498 Internship (3 cr.) | |
15. Select one course:
   CMM 348 Journalism Ethics (3 cr.) or
   CMM 455 Mass Media Law (3 cr.)
16. CMM 334 On-Camera Performance (3 cr.)
17. Three credits from the following:
   JOU 307 Opinion and Review (3 cr.)
   JOU 325 Reporting Masterpieces (3 cr.)
   JOU 326 Outdoor Writing (3 cr.)
   JOU 381 Topics in Journalism (1-3 cr. up to 6 cr.)
   JOU 401 Editing (3 cr.)
   JOU 410 Advanced Reporting (3 cr.)
   JOU 494 Honors Project Tutorial (3 cr.)
   JOU 495 Advanced Honors Project (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.

LATIN AMERICAN STUDIES PROGRAM

Coordinator: C. Simpson
Associate Professor: E. Fitzpatrick

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” — 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 a broad exposure to a variety of disciplines, as well as a 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 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.

Latin American Studies Major
Bachelor of Arts
Curriculum 0739 Requirements

CREDITS 48-70

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 were applicable.
   a. Anthropology Elective, select one course: (3 cr.)
      ANT 322 The Inkas 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 Topicos en estudios hispanoamericanos (3 cr.)

e. 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 or Higher (3 cr.)

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.)
         Additional Latin American concentration course from a discipline other than the four selected under requirement #2 (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.)
1. Select one of the following options:
   a. Second Major Field of Study (30-39 cr.)
   b. Minor (18-24 cr.)

TOTAL CREDITS (including General Education Requirements) 120

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: A. D’Aristotile, G. Flynn, D. Kenoyer (chairperson), S. Northshield
Associate Professors: J. Bodenrader, R. Keever, Y. Liu, M. Morrow, T. Powell
Assistant Professor: D. Blais, G. Quenell
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, particularly in the areas of actuarial science, statistics and mathematical analysis of computational and other scientific systems. Persons with bachelor’s degrees in mathematics are encouraged to pursue advanced degrees (master’s and Ph.D.) at other institutions in preparation for even more rewarding opportunities. Per-
sons with bachelor’s degrees are also eligible to enter the master of science in teaching (MST) program at Plattsburgh as an alternate route to adolescence school teaching.

The department also offers, in conjunction with the Department of Adolescence Education/Health Education, a combined B.A./M.S.T. Mathematics/Adolescence Education program to prepare students to teach high school mathematics. This program has received national recognition through The National Council of Teachers of Mathematics. See the Combined Programs section of this catalog for more information.

### Mathematics Major

#### Bachelor of Arts
Curriculum 0717 Requirements

<table>
<thead>
<tr>
<th>CREDITS</th>
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<tbody>
<tr>
<td><strong>MAJOR REQUIREMENTS</strong></td>
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<tr>
<td><strong>A. Departmental Requirements</strong></td>
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<tr>
<td>Mathematics Core: (36 cr.)</td>
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<tr>
<td>1. MAT 202 Linear Algebra I (3 cr.)</td>
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<tr>
<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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<tr>
<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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<tr>
<td>10. Approved Advanced Mathematics Electives (6 cr.); see Additional Degree Requirements.</td>
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<tr>
<td><strong>B. Cognate Requirements: (3 cr.)</strong></td>
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<tr>
<td>1. CSC 121 Concepts in Computing (3 cr.)</td>
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<td><strong>TOTAL CREDITS</strong></td>
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#### ADDITIONAL DEGREE REQUIREMENTS

1. A minimum grade of C in all courses for the major requirements listed above.
2. Approved advanced mathematics electives include CSC 422, CSC 453 and all mathematics courses numbered 300 or higher (excluding MAT 391 and MAT 496).
3. 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.

### Mathematics Major

#### Bachelor of Science
Curriculum 0727 Requirements

<table>
<thead>
<tr>
<th>CREDITS</th>
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<td><strong>A. Departmental Requirements:</strong> (51 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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<tr>
<td>8. MAT 397 Core Mathematics Problem Seminar (AWR) (3 cr.)</td>
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<tr>
<td>9. MAT 428 Foundations of Calculus (3 cr.)</td>
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<tr>
<td>10. Advanced Calculus (3 cr.)</td>
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<tr>
<td>11. Additional mathematics-related concentration (18 cr.)</td>
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<tr>
<td>a. One of the pre-approved programs (list available through the department) or individualized program approved by the department.</td>
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<tr>
<td>b. Thesis optional; will take place of one course in concentration. See department for thesis guidelines.</td>
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<tr>
<td>c. Courses are ordinarily expected to be at the 300 or 400 level.</td>
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<tr>
<td><strong>B. Cognate Requirements:</strong> (3 cr.)</td>
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<tr>
<td>1. CSC 121 Concepts in Computing (3 cr.)</td>
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<tr>
<td><strong>TOTAL CREDITS</strong></td>
<td>minimum 120</td>
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</table>

(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: S. Koebrich
Adjunct Faculty: One position

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 military operations, goal setting, communications, and leadership. ROTC scholarships and monthly stipends are available to students who join the Corps of Cadets. For more information about Army ROTC, see http://www.goarmy.com/rotc.

MUSIC DEPARTMENT

Associate Professors: R. Davies, D. Gordon, J. Miano (chairperson)
Assistant Professors: K. Becker, W. Pfaff
Adjunct Faculty: Fifteen positions

The music program is designed to develop students’ musical abilities in three basic areas—performance, music theory/composition/technology, and music history. Emphasis is placed on the individual’s technical and creative growth through private applied instruction, available on most instruments, in voice and in composition/jazz studies. The discipline and competence developed through this individualized study is applied to and reinforced by the performing ensembles (vocal and instrumental, large and small). Courses in music theory provide the knowledge of the raw materials of music necessary for confident, informed, and expressive performance, as well as for rewarding listening and critical evaluation of music. Study in music technology provides laboratory experience and opportunities for students to develop collaborative projects in mass media, composition, and performance. Music history courses develop students’ perspectives on the changing styles of our musical traditions, an awareness of the times, an understanding of the relations between these styles and the cultures in which they evolved and an acquaintance with some of the great works created over the centuries.

The department offers three program options—the B.A. in music, the music minor, and the music concentration for childhood education majors. The music major (46-52 credits), with its technology component and its support for interdisciplinary and service learning, allows students to combine studies in music with a related discipline on campus, encouraging interdisciplinary thinking and applications. Students will receive broad coverage of music that develops musicianship skills, capabilities in the use of principles and procedures that lead to an intellectual grasp of the art, and the ability to perform. The minor in music (21-24 credits) allows students to develop basic expertise in the field through an organized program of study that becomes part of their permanent record. The music minor provides students not only with skills in music but also skills in critical and creative thinking, in analysis and communication. Childhood education majors may elect a concentration in music (32-38 credits). Students acquire a strong foundation in musical skills and explore the applications of those skills to the childhood education classroom.

The Plattsburgh campus and community provide an ideal environment for the development of musical interests. Concerts featuring music students, music faculty and visiting guest artists take place frequently during each semester. Students and faculty occasionally perform together in small ensembles. Students in the Music Council also have a role in determining the guest artists each year, and all have the opportunity to interact with performers in workshops or in informal social settings. 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 Music Department Chair (Jo Ellen Miano) to schedule an audition.

MAJOR REQUIREMENTS

46-52

A. Music Core (43-49 cr.)

1. Music Theory and Skills (18-22 cr.):
   a. MUS 100 Introductory Music Symposium (1 cr.)
   b. MUS 120 Fundamental Musicianship (3 cr.) or proficiency exam (0 cr.)
   c. MUS 121 Music Theory I (3 cr.)
   d. MUS 126 Aural Skills I (1 cr.)
e. MUS 220 Music Theory II (3 cr.)
f. MUS 226 Aural Skills II (1 cr.)
g. MUS 221 Music Theory III (3 cr.)
h. MUS 228 Aural Skills III (1 cr.)
i. MUS 283 Piano Class I (3 cr.) or proficiency exam (0 cr.) (MUS 120 and 283 are taken concurrently)
j. MUS 383 Piano Class II (3 cr.) (MUS 121 and 383 are taken concurrently)

Advanced piano students take MUS 233 Voice Class (3 cr.) and MUS 293 Guitar Class (3 cr.) in place of MUS 283/MUS 383.

2. Music History (9 cr.):
   a. MUS 110 Music Appreciation (3 cr.)
   b. MUS 301 History Western Music: Antiquity to 1750 (3 cr.)
   c. MUS 302 History of Western Music: 1750 to Present (3 cr.)

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

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

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

6. MUS 485 Senior Seminar (3 cr.)

7. Applied and Ensembles (8 cr.):
   a. Applied Instrumental or Vocal Instruction (4 cr.)
   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, Contemporary 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.

B. Music Electives (3 cr.): Chosen from the following music course offerings:

   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.)
   MUS 218 Involvement with Music (3 cr.)
   MUS 335 Lyric Scenes Workshop (3 cr.)
   MUS 499 Independent Study (3 cr.)

TOTAL CREDITS minimum 120 (including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum grade of C in all Music (MUS) courses.

2. All students enrolled in private instrumental or vocal instruction are required to:
   a) participate in a performing ensemble, selected in consultation with music faculty;
   b) attend three to four performance classes each semester. Schedule will be announced at the beginning of each semester;
   c) present a solo performance each semester (performance class, studio class, or public event);
   d) 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
   e) serve as a volunteer for one Music Department event.

NURSING AND NUTRITION DEPARTMENT

Professors: V. Barker, E. Joseph (nutrition program coordinator), Z. Schnell (chairperson)

Associate Professors: A. Bongiorno, D. Curry, J. Gleeson-Kreig, L. Wells

Assistant Professors: J. Coates, N. Houck, W. Sayward

Adjunct Faculty: Twelve positions

Nursing Program

The nursing program leads to a bachelor of science with a major in nursing. Its primary mission is to prepare graduates for the practice of professional nursing in a wide range of institutional and community settings. There is a curriculum track for students who wish to become registered nurses as well as a track (RN Option) for registered nurses with an A.A.S. or diplomas in nursing who want to pursue baccalaureate study.

The primary mission of the Plattsburgh State Nursing Program is to prepare individuals from diverse backgrounds for the practice of professional nursing in a wide range of institutional and community settings. Another essential commitment is for faculty and students to provide service to the community and region in a commitment to social responsibility. The undergraduate nursing curriculum is rooted in a foundation of the sciences, humanities, technology and informational literacy, complemented by a broad-based, multicultural general education program. In service to this unique, rural region, registered nurses are provided the opportunity to continue their nursing and liberal studies in a challenging and supportive climate. Socialization to the professional role is developed through organizational and curricular experiences and a strong interactional relationship between faculty and students. The program’s focus on intellectual development prepares individuals for graduate study.
The nursing program accepts high school graduates, college transfers and graduates of associate degree or diploma nursing programs who meet admission requirements. Those who complete program requirements receive the bachelor of science 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 general or earth science, biology and chemistry.
2. 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. Graduates of diploma nursing programs must have attained an overall average equivalent to a grade point average of 2.5 on a 4.0 scale. This requirement may be waived in exceptional cases by the chairperson of the Department of Nursing and Nutrition.
3. Applicants planning to pursue the Registered Nurse Option must be graduates of a nursing program that is approved by the state or Canadian province in which the program is located. Also, current registered professional nurse licensure in New York State is required. Applicants awaiting the results of the licensing examination taken for the first time will be admitted. However, continuance in the option will be contingent upon a passing grade on the licensing exam.

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.

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 fall semester. Contact the Nursing and Nutrition Department (564-3124) by November 1 for more information; requests and supporting materials are due November 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 in curriculum code 202 must complete cognate requirements with a grade of C or higher (P grades are not acceptable) prior to taking upper-division nursing courses.
4. Required non-nursing courses (cognate requirements) can be repeated only once. A student may repeat no more than two failed required non-nursing courses within the total program.
5. Required nursing courses can be repeated only once. A student may repeat no more than two required nursing courses within the total program.
6. 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.
7. Nursing courses taken at another institution will be considered for transfer credit.
8. Students in curriculum 202 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.
9. Students are required to obtain adult, child, infant CPR certification prior to the first nursing course with a clinical component and annually thereafter.
10. Students in curriculum 202 must successfully complete Anatomy and Physiology I, Microbiology, and Survey of Human Development before enrolling in Nursing Fundamentals. Anatomy and Physiology II is a corequisite for NUR 303 Nursing Fundamentals.
11. 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 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, New York, (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, Meadowbrook Healthcare, and Evergreen Valley Nursing Home. 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

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<th>CREDITS</th>
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<td>A. Departmental Requirements: (54 cr.)</td>
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<td>1. Sophomore Year (4 cr.):</td>
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<td>a. NUR 303 Nursing Fundamentals (4 cr.)</td>
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<td>2. Junior Year (26 cr.):</td>
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<td>a. NUR 304 Health Assessment (3 cr.)</td>
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<td>b. NUR 344 Pharmacology I (1 cr.)</td>
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<td>c. NUR 356 Professional Concepts (2 cr.)</td>
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<td>d. NUR 360 Care of Childbearing Family (3 cr.)</td>
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<td>e. NUR 361 Care of the Pediatric Client (3 cr.)</td>
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<td>f. NUR 362 Care of Adults I (7 cr.)</td>
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<td>g. NUR 363 Care of Adults II (7 cr.)</td>
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<td>3. Senior Year (24 cr.):</td>
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<td>a. NUR 425 Community Health Nursing (4 cr.)</td>
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<td>b. NUR 427 Research in Nursing (3 cr.)</td>
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<td>c. NUR 428 Management and Leadership (4 cr.)</td>
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<td>d. NUR 435 Psychiatric Nursing (4 cr.)</td>
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<td>e. NUR 437 Professional Issues (AWR) (3 cr.)</td>
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<td>f. NUR 464 Care of Adults III (6 cr.)</td>
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| B. Cognate Requirement: (35 cr.) |
| 1. BIO 203 Microbiology (4 cr.) |
| 2. CHE 101 General Chemistry (4 cr.) |
| 3. BIO 326 Human Anatomy & Physiology I (4 cr.) |
| 4. BIO 327 Human Anatomy & Physiology II (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 grade of C must be earned in all departmental nursing and cognate (required non-nursing) courses.

www.plattsburgh.edu
Registered Nurse Option

1. An applicant to the registered nurse option must 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. Current Registered Nurse Licensure in New York State is required. Any student awaiting the results of the licensing examination taken for the first time will be admitted. However, continuance of study in the registered nurse option track will be contingent upon passing the licensing examination.

3. A cumulative GPA of 2.5 on a 4.0 scale or its equivalent is required for admission to the major. This requirement may be waived in exceptional cases by the chairperson of the nursing program.

4. Students must achieve a grade of C or better in all required nursing courses to continue in the nursing program.

5. All required non-nursing courses must be completed with a C or better prior to enrollment in the first nursing course with an off-campus clinical component.

6. Required non-nursing courses can be repeated only once. A student may repeat no more than two failed required non-nursing courses within the total program.

7. Required nursing courses can be repeated only once. A student may repeat no more than two required nursing courses within the total program.

8. 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.

9. All registered nurse students must take NUR 350 prior to senior level (400-level) nursing courses.

10. Nursing courses taken at another institution will be considered for transfer credit.

11. Qualified registered nurse students can obtain credit through a nursing program challenge examination for Health Assessment.

12. Once a student begins the first nursing course in the upper division, the program of studies must be completed in six years. This requirement may be waived in exceptional cases by the chairperson of the Department of Nursing.

13. The registered nurse student is required to obtain professional liability insurance prior to the first nursing course with an off-campus clinical component and maintain the policy throughout the nursing program.

14. Students are required to obtain adult, child, infant CPR certification prior to the first nursing course with an off-campus clinical component and annually thereafter.

Additional information regarding the registered nurse option can be obtained by contacting:

Anna Liem
Hawkins Hall 215A
State University of New York at Plattsburgh
Plattsburgh, NY 12901
(518) 564-4238 or 564-3124
email: liemak@plattsburgh.edu

Nursing Major
Bachelor of Science
(Registered Nurse Option)
Curriculum 0203 Requirements

MAJOR REQUIREMENTS

A. Departmental Requirements: (54 cr.)

1. RN transfer students will have the equivalent of 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 Plattsburgh State (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 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. Must meet undergraduate semester hours residency requirement of SUNY Plattsburgh. Exempt from the Senior Year Residency requirement.

Nutrition Program

The Nutrition Program prepares students for careers in nutrition, food service systems management, and related areas. This program 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 the 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 Didactic Program in Dietetics (DPD) 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

MAJOR REQUIREMENTS 92 CREDITS

A. Departmental Requirements: (39 cr.)
1. FNI 211 Human Nutrition (3 cr.)
2. FNI 241 Nutrition in the Life Cycle (3 cr.)
3. FNI 261 Org & Mgmt in Food Service (3 cr.)
4. FNI 322 Theory and Mgmt of Learning Environment (2 cr.)
5. FNI 362 Food Preparation (4 cr.)
6. FNI 441 Community Nutrition (3 cr.)
7. FNI 443 Food Science (4 cr.)
8. FNI 445 Advanced Nutrition (4 cr.)
9. FNI 446 Clinical Nutrition (3 cr.)
10. FNI 448 Seminar in Dietetics (AWR) (3 cr.)
11. FNI 450 Food Service Delivery Mgmt (4 cr.)
12. FNI 451 Topics in Clinical Nutrition (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

ADDITIONAL DEGREE REQUIREMENTS
1. Minimum grade of C in all required nutrition (FNI) courses.
2. FNI 443, FNI 445, FNI 446, FNI 448, FNI 450, and FNI 451 must be taken at Plattsburgh.
3. This program is American Dietetics Association (ADA) developmentally accredited.

PHILOSOPHY DEPARTMENT

University Distinguished Teaching Professor:
D. Mowry
Professor: C. List
Associate Professors: B. Dixon, D. Maier (chairperson)
Assistant Professor: K. Hagen
Adjunct Faculty: Two positions

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

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<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 the 1500s (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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<td>6. Philosophy Electives: (21 cr.)</td>
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TOTAL CREDITS: minimum 120 (including General Education Requirements)

**PHYSICS DEPARTMENT**

*Chairperson: T. Wolosz*

*Professors: D. Graham, F. Kissner, J. Lewis, G. Myer*

*Adjunct Faculty: R. Hamernik, J. Porter*

*Lecturer: L.M. Kissner*

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 Adolescence Education/Health Education Department, 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

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<th>CREDITS</th>
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<tr>
<td>A. Departmental Requirements: (29-31 cr.)</td>
<td>1. PHY 111 General Physics I (4 cr.)</td>
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<td>2. PHY 112 General Physics II (4 cr.)</td>
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<td>2. PHY 311 Analytical Mechanics (3 cr.)</td>
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<td>3. PHY 314 Introduction to Modern Physics (3 cr.)</td>
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<td>4. PHY 380 Intermediate Laboratory (3 cr.)</td>
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<td>5. PHY 398 Technical Reports in Physics and Engineering (AWR) (3 cr.)</td>
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<td>6. Physics Electives: (9-11 cr.)</td>
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<td>PHY 341 Thermodynamics (3 cr.)</td>
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<td>PHY 365 Electronics for Scientists (4 cr.)</td>
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<td>PHY 421 Fundamentals of Electromagnetism (3 cr.)</td>
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<td>PHY 431 Physical Optics (4 cr.)</td>
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<td>PHY 452 Quantum Mechanics (3 cr.)</td>
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<td>PHY 495 Undergraduate Research (2-6 cr.)</td>
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<td>B. Cognate Requirements: (27 cr.)</td>
<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>2. CSC 221 Intro to Computer Science (4 cr.)</td>
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<td>3. 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 326 Calculus III (4 cr.)</td>
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<td>5. MAT 426 Differential Equations (3 cr.)</td>
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<td>TOTAL CREDITS</td>
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<td>(including General Education Requirements)</td>
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### 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.

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**Physics Major**
Bachelor of Arts
(Study Option in Engineering, Civil/Environmental/ Mechanical Engineering or Electrical/Computer Engineering)
(Plattsburgh Component)
Curriculum 0751 Requirements

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<tr>
<th>CREDITS</th>
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<tr>
<td>A. Departmental Requirements: (29 cr.)</td>
<td>1. PHY 111 General Physics I (4 cr.)</td>
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<td>3. PHY 314 Introduction to Modern Physics (3 cr.)</td>
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<td>5. PHY 398 Technical Reports in Physics and Engineering (AWR) (3 cr.)</td>
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<td>6. Physics Electives: (12 cr.)</td>
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<td>PHY 310 Statics (3 cr.)</td>
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<td>PHY 311 Analytical Mechanics (3 cr.)</td>
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<td>PHY 312 Engineering Mechanics-Dynamics (3 cr.)</td>
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<td>PHY 341 Thermodynamics (3 cr.)</td>
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<td>PHY 350 Circuits and Electronics (3 cr.)</td>
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<td>PHY 421 Fund of Electromagnetism (3 cr.)</td>
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<td>PHY 495 Undergraduate Research (3 cr.)</td>
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<td>B. Cognate Requirements: (27 cr.)</td>
<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. MAT 224 Calculus I (4 cr.)</td>
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<td>(including General Education Requirements)</td>
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**NOTE 1:** Remaining course work in engineering (2 years) at any accredited engineering school. 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 stand-
ing 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 Plattsburgh and the bachelor of science in engineering from the school of engineering.

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, M. Lubin, H. Schantz
Associate Professor: T. Konda
Assistant Professor: D. Lake
Lecturer: G. O’Donnell
Adjunct Faculty: Three positions

The Department of Political Science at Plattsburgh offers courses in United States politics, public policy and law, and world affairs. Majors complete basic and advanced work in all three 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

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<th>CREDITS</th>
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<td>48-60</td>
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**MAJOR REQUIREMENTS**

A. Departmental Requirements: (36 cr.)

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<tr>
<th>CREDITS</th>
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<tr>
<td>(36 cr. total includes 3 cr. from AWR section) \n1. PSC 100 U.S. National Politics (3 cr.)</td>
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<tr>
<td>2. PSC 120 Comparative Politics (3 cr.)</td>
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<td>3. PSC 220 Introduction to World Politics (3 cr.)</td>
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<td>4. PSC 231 History of Political Ideas (3 cr.)</td>
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<td>5. PSC 311 Political Analysis (3 cr.)</td>
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<td>6. U.S. Politics: Select one course (3 cr.)</td>
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<td>PSC 240 State and Local Government (3 cr.)</td>
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<td>PSC 343 U.S. Congress and Presidency (3 cr.)</td>
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<td>PSC 344 U.S. Political Parties and Interest Groups (3 cr.)</td>
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<td>PSC 345 U.S. Public Opinion and Voting Behavior (3 cr.)</td>
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<td>PSC 348 Gender Politics (3 cr.)</td>
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<td>PSC 354 Topics in U.S. Politics (1-3 cr.)</td>
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<td>7. Law: Select one course (3 cr.)</td>
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<td>PSC 290 Introduction to Law (3 cr.)</td>
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<td>PSC 355 Topics in Law (1 - 3 cr.)</td>
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<td>PSC 390 U.S. Constitutional Law (3 cr.)</td>
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<td>PSC 391 U.S. Civil Liberties (3 cr.)</td>
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<td>PSC 393 Global Law (3 cr.)</td>
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<td>8. Public Policy: (3 cr.)</td>
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<td>PSC 282 Political Ideas and Ideologies (3 cr.)</td>
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<td>PSC 356 Topics in Public Policy (1 - 3 cr.)</td>
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<td>PSC 380 Public Policy &amp; Administration (3 cr.)</td>
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<td>PSC 381 U.S. Political Economy (3 cr.)</td>
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<td>PSC 383 U.S. Domestic Policy (3 cr.)</td>
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<td>PSC 385 U.S. Environmental Policy (3 cr.)</td>
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<td>9. World Affairs: (3 cr.)</td>
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<td>PSC 321 Latin American Politics (3 cr.)</td>
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<td>PSC 323 Japanese Politics (3 cr.)</td>
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<td>PSC 325 Canadian Politics (3 cr.)</td>
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<td>PSC 327 European Politics (3 cr.)</td>
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<td>PSC 329 Asia Today (3 cr.)</td>
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<td>PSC 357 Topics in World Affairs (1 - 3 cr.)</td>
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<td>10. Two additional courses in one of the above areas: (6 cr.)</td>
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<td>11. Advanced Writing Requirement Seminar, select one course (3 cr.)</td>
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<td>PSC 451 Seminar on Elections (3 cr.)</td>
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<td>PSC 452 Seminar on US Foreign Policy (3 cr.)</td>
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<td>PSC 453 Seminar on Political Persuasion (3 cr.)</td>
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<td>PSC 454 Seminar on Public Management (3 cr.)</td>
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<td>PSC 455 Seminar on Ethnic Politics (3 cr.)</td>
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<td>PSC 456 Seminar on Political-Economic Development (3 cr.)</td>
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</table>
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 may pursue the B.A. Psychology program through courses taken at the Plattsburgh Extension Center at Adirondack Community College, Queensbury, NY. For more information on the Extension Center see page 11 of this catalog.
SOCIAL WORK DEPARTMENT

Associate Professor: L. Soine (chairperson)
Assistant Professors: M. Wilcke, M. Ballantine
Lecturers: T. McDonald, V. Young
Adjunct Faculty: One position

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 Plattsburgh State 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 Plattsburgh State University’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, and SWK261 Social Service Agencies, 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

CREDITS 86-93

MAJOR REQUIREMENTS (50 cr.)

A. Departmental Requirements: (50 cr.)
1. SWK 260 Introduction to Social Welfare (3 cr.)
2. SWK 261 Social Service Agencies (3 cr.)
3. SWK 300 Human Behavior and the Social Environment - Part I (3 cr.)
4. SWK 302 Generalist Practice I (3 cr.)
5. SWK 303 Human Behavior and the Social Environment - Part II (3 cr.)
6. SWK 304 Social Services in Comparative Perspective (AWR) (3 cr.)
7. SWK 305 Cultural and Ethnic Diversity (3 cr.)
8. SWK 306 Social Work and Mental Health (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 407 Field Practicum Seminar in Social Work I (1 cr.)
15. SWK 408 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.)
   SWK 320 Issues in Family Violence (3 cr.)
   SWK 414 Sociology of Poverty (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
   German
   History
   International Studies
   Latin American Studies
   Mathematics
   Perspectives on the Environment
   Philosophy
   Philosophy: Ethics & Social Philosophy
   Political Science
   Psychology
   Sociology
   Spanish
   Women’s Studies

**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, 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 in all social work (SWK) courses.
3. Successful completion of SWK403-SWK404 Field Practicum.

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**SOCIOLOGY AND CRIMINAL JUSTICE DEPARTMENT**

**Professors:** L. Ames, S. Light, T. Poveda, C. Simpson, R. Weiss

**Associate Professors:** R. Greenleaf, D. Keys (chairperson), D. Perez

**Assistant Professors:** M. Ciobanu, L. Eastwood, L. Schlesinger

**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 business organization, from crime to religion, from the sociology of work to the sociology of development.

The sociology curriculum leads to the B.A. in sociology. All students complete the core curriculum, which includes courses on multiculturalism and global systems; community; law, crime, and the state; research methods; and theory. The program provides a sociological interpretation of American and world societies in a historical and comparative context.

The department also administers the B.A. 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 may pursue the B.A. in criminal justice program through courses taken at the Plattsburgh Extension Center at Adirondack Community College, Queensbury, NY. For more information on the Extension Center see page 11 of this catalog.
Sociology Major
Bachelor of Arts
Curriculum 0728 Requirements

CREDITS 45-60

MAJOR REQUIREMENTS
A. Departmental Requirements: (18 cr.)
1. SOC 101 Introduction to Sociology (3 cr.)
2. SOC 202 Social Problems and Social Policy (3 cr.)
3. SOC 300 Research Methods I (3 cr.)
4. Select one course: (3 cr.)
   SOC 301 Research Methods II: Quantitative (3 cr.)
   SOC 302 Research Methods II: Qualitative (3 cr.)
5. SOC 340 Sociological Theory (3 cr.)
6. SOC 395 Junior Seminar (AWR) (3 cr.)

B. Areas of Sociological Focus: (15 cr.)
1. Multiculturalism and Global Systems, select one course: (3 cr.)
   SOC 280 Introduction to Population Studies (3 cr.)
   SOC 303 Sociology of Development (3 cr.)
   SOC 305 Sociology of Women (3 cr.)
   SOC 309 Sociology of Aging and Death (3 cr.)
   SOC 321 Sociology of Minorities (3 cr.)
   SOC 388 Social Change and Social Movements (3 cr.)
   SOC 390 Topics in Multiculturalism and Global Systems (3 cr.)
   SOC 414 Sociology of Poverty (3 cr.)
   SOC 430 Social Stratification (3 cr.)
2. Community and Society, select one course: (3 cr.)
   SOC 260 Introduction to Social Welfare (3 cr.)
   SOC 261 Social Services Agencies (3 cr.)
   SOC 265 Self in Society (3 cr.)
   SOC 311 Sociology of Education (3 cr.)
   SOC 312 Sociology of Families (3 cr.)
   SOC 313 Sociology of Religion (3 cr.)
   SOC 314 Sociology of Mental Health and Illness (3 cr.)
   SOC 315 Sociology of Health & Medicine (3 cr.)
   SOC 316 Working in Society (3 cr.)
   SOC 323 Sociology of Community (3 cr.)
   SOC 325 Sociology of Urban Life in North America (3 cr.)
   SOC 331 Sociology of Organizations (3 cr.)
   SOC 391 Topics in Community and Society (3 cr.)
3. Law, Crime, and the State; select one course: (3 cr.)
   SOC 342 Political Sociology (3 cr.)
   SOC 352 White collar Crime (3 cr.)

SOC 353 Sociology of Punishment and Correction (3 cr.)
SOC 354 Sociology of Policing (3 cr.)
SOC 355 Sociology of Law (3 cr.)
SOC 356 Sociology of Organized Crime (3 cr.)
SOC 364 Victimology (3 cr.)
SOC 370 Juvenile Delinquency (3 cr.)
SOC 392 Topics in Law, Crime, and the State (3 cr.)

4. Sociology Electives (6 cr.)
   Six credits in the above areas (B.1-3) or an internship of at least three credits with a public or private social agency, plus
   SOC497 Applied Sociology Seminar (3 cr.)

C. Cognate Requirements: (12-27 cr.)
1. MAT 161 Introductory Statistics (3 cr.)
2. Complete one of the following options:
   a. Any minor program.
   b. Full-time study abroad for one semester with the college’s Southern Cone Program, the International Studies Program, the Canadian Studies Program, or the equivalent in a departmentally preapproved course of study.
   c. Twelve credits in a foreign language or proficiency equivalent to French/Spanish 213.

TOTAL CREDITS minimum 120 (including General Education Requirements)

Criminal Justice Major
Bachelor of Arts
Curriculum 0747* or 0297** Requirements

CREDITS 56-57

MAJOR REQUIREMENTS
A. Departmental Requirements (50-51):
1. SOC 101 Introduction to Sociology (3 cr.)
2. PSY 101 General Psychology (3 cr.)
3. SOC 150 Introduction to Criminal Justice (3 cr.)
4. SOC 250 Criminology (3 cr.)
5. SOC 350 Selected Issues in Criminal Justice (AWR) (3 cr.)
6. SOC 353 Sociology of Punishment and Correction (3 cr.)
7. SOC 354 Sociology of Policing (3 cr.)
8. Research, select one course: (3 cr.)
   PSC 311 Political Analysis (3 cr.)
   SOC 300 Research Methods I (3 cr.)
9. Public Law, select one course: (3 cr.)
   PSC 290 Introduction to Law (3 cr.)
   PSC 390 U.S. Constitutional Law (3 cr.)
   PSC 391 U.S. Civil Liberties (3 cr.)

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ACADEMIC DEPARTMENTS, CENTERS, AND MAJOR PROGRAMS

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SOC 355 Sociology of Law (3 cr.)
SOC 359 Human Rights and Law Enforcement (3 cr.)

10. 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 253 Probation and Parole (3 cr.)
   SOC 261 Social Service Agencies (3 cr.)
   SOC 331 Sociology of Organizations (3 cr.)
   SOC 342 Political Sociology (3 cr.)

11. Ethics in Criminal Justice, select one course: (3 cr.)
   SOC 450 Ethics in Criminal Justice (3 cr.)
   PHI 312 Ethics (3 cr.)

12. 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 370 Juvenile Delinquency (3 cr.)

13. 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 414 Sociology of Poverty (3 cr.)
   SOC 430 Social Stratification (3 cr.)

14. Crime and Personality, select one course: (3 cr.)
   PSY 311 Survey of Human Development (3 cr.)
   PSY 340 Personality (3 cr.)
   PSY 443 Abnormal & Deviant Behavior (3 cr.)
   PSY 445 Counseling Psychology (3 cr.)
   SOC 265 Self in Society (3 cr.)
   SOC 314 Sociology of Mental Health and Illness (3 cr.)

15. Criminal Justice Electives: (8-9 cr., any combination)
   a. SOC 270 Criminal Investigation (3 cr.)
   b. SOC 364 Victimology (3 cr.)
   c. SOC 498 Applied Sociology Internship
   d. Additional courses selected from categories #7 - 13
   e. Foreign Language (4 - 8 cr.) or equivalent

B. Cognate Requirements (6 cr.):
   MAT 161 Introductory Statistics (3 cr.)
   PSC 100 U.S. National Politics (3 cr.)

TOTAL CREDITS minimum 120
(including General Education Requirements)

* Curriculum code for students taking most courses at SUNY Plattsburgh’s main campus.
** Curriculum code for students taking most courses at SUNY Plattsburgh’s Extension Center.

SPORT AND WELLNESS DEPARTMENT

Director of Athletics: B. Delventhal
Associate Professors: L. Bardon (chairperson)
Professional Staff: M. Bergam (assistant coach), K. Chapin (assistant sports information director), M. Christiansen (field house director), C. Cole (coach), C. Conover (Assistant Coach), T. Corey (group exercise director), S. Cotter (coach), T. Curle (coach), K. Doorey (coach), R. Emery (coach), K. Fraser (equipment manager), B. Graves (assistant to field house director), S. Hildreth (assistant coach), K. Houle (coach), K. Joyce (assistant athletic trainer), P. Kavanagh (coach), J. Lynch (coach), B. Micheels (assistant coach), S. Moffat (assistant coach), R. Mungrue (assistant athletic trainer), E. O’Brien (assistant coach), D. O’Connell (coach), K. O’Connor (assistant fitness center director), J. Pachter (athletic trainer), M. Salvatore (fitness center director), G. Spear (assistant coach), M. Staats (coach), P. Stewart (sports information director), J. Trudeau (assistant coach), L. Vicencio (assistant athletic trainer), C. Waterbury (coach), K. Wiley (coach), B. Willmott (coach), G. Wissner (assistant coach)

The department offers a wide variety of elective courses in wellness, personal fitness, physical education activities, coaching, outdoor adventure, American Red Cross certification programs and minors in coaching and personal trainer.

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, and expeditionary studies. The department also administers the intercollegiate program, intramurals and recreation, and the Fitness Center (see Athletics).
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 Plattsburgh State. 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.

Theatre Major
Bachelor of Arts
Curriculum 0724 Requirements

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

V. Capstone Requirement (3 cr.)
THE 490 Senior Project (3 cr.)

VI. Electives in Theatre (3-7 cr.)
Select sufficient additional THE courses to bring the total THE credits completed to a minimum of 42.

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 Plattsburgh State.
2. A minimum overall GPA of 2.0 in all theatre (THE) courses.

WOMEN’S STUDIES DEPARTMENT

Chairperson: D. Allamirano
Assistant Professor: C. Oxford
Lecturers: K. Branagan
Adjunct Faculty: Four positions

Women’s Studies innovatively explores gender across disciplines. We ask: “How does gender, as it intersects with race, class, ethnicity, age, sexual orientation, and nationality, affect people’s lives?” and “How can we improve people’s lives by becoming aware and intervening in these effects of gender and other differences?” Women’s Studies has been asking and answering these questions for 30 years, critiquing traditional disciplines for their lack of attention to gender, and supplying needed research to fill in the gaps.

Students choose a major in Women’s Studies (paired with a minor in another field) or a minor (paired with a major in another field). The program includes an interdisciplinary introductory course (WMS101), a theory course (WMS302), upper division courses in various academic departments, and seminars. Both the major and the minor contain required courses as well as electives, and the program offers course clusters in history and the social sciences, the arts and humanities, and global or cross-cultural contexts. In addition, mini-courses and topics courses, as well as internships and research or creative projects, can be included in students’ major and minor programs. Students are encouraged to supplement their academic studies with participation in the Women’s Studies Advisory Group and its committees.
Graduates in women’s studies have careers in social work, communications, law, education, government, business, community leadership, the arts, health care, and other professions.

Women’s Studies Major
Bachelor of Arts
Curriculum 0493 Requirements

CREDITS

MAJOR REQUIREMENTS 54

A. Departmental Requirements: (36 cr.)
1. WMS 101 Introduction to Women’s Studies (3 cr.)
2. WMS 302 Feminist Frameworks (3 cr.)
3. WMS 301 Global Perspectives (3 cr.)
4. WMS 455 Seminar in Women’s Studies (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 340 History of Women in Europe (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 364 Sex Roles and Sexuality (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 351 Women in Cross-Cultural Perspective (3 cr.)
      MAT 391 Mathematics, Gender and Culture (3 cr.)
      WMS 204 Women of Color in U.S. Society (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.)
   ENG 372 Women and Minorities in Chaucer
   ENG 373 Women in Medieval Literature (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 340 History of Women in Europe (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.)
   MAT 391 Mathematics, Gender and Culture (3 cr.)
   MGM 434 Gender and Management: Issues
   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 360 Lesbian and Gay Studies (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)