SUNY Distinguished Teaching Professors: J. Armstrong, R. Robbins (chairperson)
Professor: A. Buckser
Associate Professors: D. Altamirano, A. Mountcastle
Assistant Professor: G. Crane-Kramer
Adjunct Faculty: A. Black, G. Bobbie, P. Naftaly, L. Zeigler-Otero

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 cultural processes, and of social institutions in different cultures. Students are encouraged to apply anthropology in an internship experience, field school or study abroad 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 biological anthropology, including epidemiology. Support facilities include physical anthropology and archaeology laboratories with faunal, human skeletal and artifact collections.

Besides the major, study options include academic minors in archaeology, biological anthropology, and cultural anthropology. 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

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 51-73

1. ANT 101 Intro. to Human Evolution (3 cr.)
2. ANT 102 Comparative Cultures (3 cr.)
3. ANT 220 Archaeology (3 cr.)
4. ANT 380 Doing Anthropology (AWR) (3 cr.)
5. Physical Anthropology, Archaeology, Linguistics: select one course: (3 cr.)
   ANT 301 “Race” and Human Variation (3 cr.)
   ANT 308 Forensic Anthropology (3 cr.)
   ANT 328 Archaeological Site Excavation (6 cr.)
   ANT 452 Topics in Biological Anthropology (3 cr.)
   ANT 453 Topics in Archaeology (3 cr.)
6. Cultural Area: select one course: (3 cr.)
   ANT 307 Tibet and the Himalayas (3 cr.)
   ANT 323 Peoples/Cultures Latin America (3 cr.)
   ANT 337 Israeli Culture and Society (3 cr.)
   ANT 375 West Asia (3 cr.)
   ANT 430 American Indian History (3 cr.)
   ANT 431 First Nations of Canada (3 cr.)
7. Dimensions of Culture and World Issues: select three courses: (9 cr.)
   ANT 303 Sexuality and Culture (3 cr.)
   ANT 310 Language and Culture (3 cr.)
   ANT 316 Intercultural Communication (3 cr.)
   ANT 317 Political Anthropology (3 cr.)
   ANT 318 Anthropology of Human Rights (3 cr.)
   ANT 332 Mortuary Archaeology (3 cr.)
   ANT 333 Coastal and Aquatic Archaeology (3 cr.)
   ANT 335 Plagues, People and History (3 cr.)
   ANT 336 Civilization and Health (3 cr.)
   ANT 338 Illness and Healing (3 cr.)
   ANT 340 Culture and Belief (3 cr.)
   ANT 344 Comparative Social Organizations (3 cr.)
   ANT 354 Education and Culture (3 cr.)
   ANT 359 Ecology, Systems, and Culture (3 cr.)
   ANT 362 Anthropological Perspectives on Global Issues (3 cr.)
   ANT 368 The Anthropology of Food (3 cr.)
   ANT 377 Immigrants, Exiles, Refugees and Transnational Communities (3 cr.)

*NOTE: ANT 451 Topics in Anthropology* may be applied to categories 6-7 above, as appropriate, in consultation with one’s academic advisor.

8. Senior Project: (3 cr.)
   ANT 480 Advanced Research Seminar (3 cr.)
   Seminar involving individual creative research and analysis as an extension of the advanced writing course (ANT 380). 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.

9. Anthropology Elective: (3 cr.)
   Students must pass ANT 380 Doing Anthropology with a minimum grade of C or have permission of instructor to enroll in ANT 480. Select one additional course from categories 5, 6 or 7 above.

10. Career and Cognate Development: (18-40 cr.)
   This requirement may be satisfied by completion of one of the following:
   a. one or more academic minors
   b. a second major
   c. any one or combination of archaeological, biological or ethnographic field school experiences, full-time semester study abroad, independent studies and/or internships (for a minimum of 18 cr.)

   To fulfill this requirement, students should take courses/programs that provide additional preparation for specialized graduate training in anthropology, or for graduate training or career preparation in allied fields.

C. ELECTIVES 13-36

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

ART DEPARTMENT

SUNY Distinguished Teaching Professors:
D. Fine, R. Mikkelson

Associate Professors: K. Blough (chairperson),
D. Costanzo, A. Goerltz, S. Lezon, D. Powell, P. Russom, N. Taber

Assistant Professor: A. Della Bitta

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 members inspire art majors to achieve their highest professional aspirations and to
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

make enlightened contributions to the art world and the larger community (Mission Statement '03).

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

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

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

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

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

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

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

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

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

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

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

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

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

Internships and Study Abroad: Plattsburgh's art majors enhance their professional development through internships and study abroad. Internships exist both on and off campus. In addition, some students study abroad, especially in England and Italy.
Scholarships: Several scholarships are available annually, particularly the George and Nina Winkel art scholarships. Scholarships are available for incoming freshmen and for sophomore, junior and senior students.

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

C. COGNATE REQUIREMENTS 6

Foreign language (6 cr.) or
History (6 cr.) or
Six additional studio arts credits (6 cr.) or
ART 472 Museum Studies/Art Exhibitions (3 cr.)
and a 3 cr. art museum internship/independent study (6 cr. total)

D. ELECTIVES 44-45

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. Transfer students must complete a minimum of 18 credits in art courses and a total of 36 credits at Plattsburgh:
   a. 15 credits of art history including:
      ART 475 Art of the Book (AWR) (3 cr.) and
      ART 474 Senior Art History Thesis (3 cr.)
   b. Studio art class (3 cr.)
   c. ART 397 Junior Level Portfolio Review (0 cr.)

2. Admission of transfer students to 300/400 level studio courses will be contingent upon submission of a portfolio of previous work in the medium, to assure appropriate preparation. The portfolio is to be presented to the instructor on the first day of classes. A digital or slide portfolio is acceptable.

3. A minimum overall GPA of 2.0 in all required major courses (Category B).

4. Completion of all college-wide degree requirements (Pages 58-60).

NOTE: Only art courses equivalent to SUNY Plattsburgh’s art courses will count toward the art major. Transferred equivalents of art appreciation courses may not be used in the Plattsburgh art major.

ART MAJOR
Bachelor of Arts
(Study Option in Art Studio)
Curriculum 0702 Requirements

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 42

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

2. Art History: (18 cr.)
   a. Select four courses: (12 cr.)
      ART 342 Greek and Roman Art (3 cr.)
      ART 343 Medieval Art (3 cr.)
      ART 344 Italian Renaissance Art (3 cr.)
      ART 345 Baroque and Rococo Art (3 cr.)
      ART 346 19th-Cent. European Art: Neo-Classicism to Impressionism (3 cr.)
      ART 347 Modern Art from Post-Impressionism to Surrealism (3 cr.)
      ART 349 Northern Renaissance Art (3 cr.)
      ART 354 Jewish Art to 1600 (3 cr.)
      ART 471 Contemporary Art (AWR) (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 ART 104 and ART 161. ART 211 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.)
d. ART 161 Introduction to Drawing (3 cr.)
e. ART 231 3D Design (3 cr.)
f. ART 262 Drawing II (3 cr.)

2. Studio Breadth Courses: Select two studio courses from the following areas, not including the area of the studio concentration. (6 cr.)
   ART 205 Introduction to Graphic Design (3 cr.)
   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 Introduction to Printmaking (3 cr.) or
   ART 281 Introduction 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 407 Introduction to Interactive Design
      ART 408 Portfolio Development
      ART 409 Advanced Interactive Design
   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 (3 cr.)
      ART 380 Printmaking II
      ART 480 Printmaking III
   g. Sculpture (9 cr.)
      ART 232 Sculpture I
      ART 332 Sculpture II
      ART 433 Sculpture III

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

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

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

6. Advanced Writing Requirement: (3 cr.)
   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.)

C. ELECTIVES 44-45
   Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. Transfer students must complete a minimum of 18 credits in art courses at SUNY Plattsburgh and a total of 36 credits at Plattsburgh:
   a. Studio specialization sequence (9 cr.)
   b. Additional studio art classes (6 cr.)
   c. ART 471 Contemporary Art (AWR) (3 cr.) or
      ART 475 Art of the Book (AWR) (3 cr.)
   d. ART 397 Junior Level Portfolio (0 cr.)

2. 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.

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

4. A minimum overall GPA of 2.0 in all required major courses (Category B).

5. Completion of all college-wide degree requirements (Pages 58-60).

ART STUDIO MAJOR
Bachelor of Fine Arts
Curriculum 0784 Requirements

A. GENERAL EDUCATION REQUIREMENTS  33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS  71

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

2. Art Studio Concentration: (18 cr.) Six courses in one studio area. One of these courses (3 cr.) may be taken in another area, with the permission of the concentration faculty. Studio concentration should be declared after completion of the core courses (foundation and breadth) or at the beginning of the junior year. Acceptance in a studio concentration requires the approval of the concentration faculty.
   a. Ceramics (18 cr.)
      ART 356  Ceramics II
      ART 457  Ceramics III
      ART 458  Ceramics IV
      ART 459  Ceramics V
      ART 460  Ceramics VI
      ART 461  Ceramics VII
   b. Design (18 cr.)
      ART 305  Graphic Design II
      ART 306  Digital Imaging
      ART 307  Illustration
      ART 405  Publication Design
      ART 406  Packaging Design/Branding
      ART 407  Introduction to Design for the Web and Interactive Media
      ART 408  Portfolio Development
      ART 409  Advanced Interactive Design
   c. Drawing (18 cr.)
      ART 363  Drawing III
      ART 464  Drawing IV
      ART 465  Drawing V
      ART 466  Drawing VI
      ART 467  Drawing VII
      ART 468  Drawing VIII
   d. Painting (18 cr.)
      ART 322  Painting II
      ART 423  Painting III
      ART 424  Painting IV
      ART 425  Painting V
      ART 426  Painting VI
      ART 428  Painting VII
   e. Photography (18 cr.)
      ART 312  Photography II
      ART 315  Photography III
      ART 319  Photography IV
      ART 411  Photography V
      ART 418  Photography VI
      ART 419  Photography VII
   f. Printmaking (18 cr.)
      ART 380  Printmaking II
      ART 480  Printmaking III
      ART 481  Printmaking IV
      ART 482  Printmaking V
      ART 483  Printmaking VI
      ART 484  Printmaking VII
   g. Sculpture (18 cr.)
      ART 332  Sculpture II
      ART 433  Sculpture III
      ART 434  Sculpture IV
      ART 435  Sculpture V
      ART 436  Sculpture VI
      ART 438  Sculpture VII

3. Art Studio Electives: (9 cr.)

4. Advanced Art History: (9 cr.)
   a. ART 347  Modern Art: Post Impressionism to Surrealism (3 cr.)
   b. Select one course:
      ART 342  Greek and Roman Art (3 cr.)
      ART 343  Medieval Art (3 cr.)
      ART 444  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,
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

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: (2 cr.)
   ART 469 B.F.A. Senior Exhibition Workshop (1 cr.)
   ART 473 Senior Art Major Exhibition (1 cr.)

C. ELECTIVES 15-16

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum grade of C is required in all art (ART) courses.
2. Students will be admitted to the B.F.A. program on the basis of a portfolio review. New freshman or transfer applicants must submit a letter of application and an acceptable portfolio to the art chairperson. (See the Art Department website for specific requirements.) The portfolio may be submitted prior to, concurrently with, or immediately after being accepted to the college. Students who do not have a portfolio may enroll in the B.A. program and begin work on foundation courses. New freshman students may submit recommendations from high school teachers. A B.F.A. review will be held each fall and spring semester. There will be another portfolio review opportunity at the end of the first-year foundation program.
3. Transfer students must complete a minimum of 40 credits in art courses at SUNY Plattsburgh:
   a. Studio concentration (18 cr.)
   b. Additional studio electives (12 cr.)
   c. Art History elective (3 cr.)
   d. ART 471 Contemporary Art (AWR) (3 cr.) or
   ART 475 Art of the Book (AWR) (3 cr.)
   e. ART 472 and ART 473 (4 cr.)
   Transfer students will receive art major credit for art courses whose content is equivalent to SUNY Plattsburgh art courses, and for which a grade of C or higher was awarded.
4. A minimum overall GPA of 2.0 in all required major courses (Category B).
5. Completion of all college-wide degree requirements (Pages 58-60).

BIOCHEMISTRY
(Biological Sciences and Chemistry Departments)

Coordinators: K. Ckless and D. Slish

The undergraduate curriculum for the biochemistry major provides an excellent basis for advanced study in biochemistry, biological sciences, and allied health professional (medical, dental, veterinary, public health) as well as direct entry into industrial and academic research.

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

BIOCHEMISTRY MAJOR
Bachelor of Science
Curriculum 0773 Requirements

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 69-80

1. BIO 101 General Biology I (4 cr.)*
2. BIO 102 General Biology II (4 cr.)*
3. BIO 305 General Genetics (4 cr.)
4. BIO 380 Communicating Bio (AWR) (3 cr.) or
   BIO 490 Investigative Biology Experience (AWR) (12 cr.)*
   or
   CHE 391 Written and Oral Reports (AWR) (3 cr.)
5. BIO 401 Cell Biology (4 cr.) or
   BIO 490 Investigative Biology Experience (AWR) (12 cr.)*
6. CHE 111 Fund. Principles of Chemistry I (4 cr.)
7. CHE 112 Fund. Principles of Chemistry II (4 cr.)
8. CHE 241 Organic Chemistry I (4 cr.)
9. CHE 242 Organic Chemistry II (4 cr.)
10. CHE 401 Biochemistry I (3 cr.)
11. CHE 402 Biochemistry II (3 cr.)
12. CHE 421 Advanced Analytical Chemistry (Instrumental) (4 cr.)
13. CHE 451 Physical Chemistry I (3 cr.) or
   CHE 485 Physical Biochemistry (3 cr.)
14. CHE 481 Biochemistry Lab (1 cr.)
15. Biology or Chemistry Electives (3 cr.)
   Must be BIO or CHE 300 or 400 level course excluding 495 or 496.
16. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101 Elementary College Math or equivalent (0-3 cr.)
   MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
17. MAT 161 Introductory Statistics (3 cr.)
18. MAT 221 Calculus for Life, Management and Social Sciences I (3 cr.) or
   MAT 104 Trigonometry (1 cr.) and
   MAT 224 Calculus I (4 cr.)
19. MAT 222 Calculus for Life, Management and Social Sciences II (3 cr.) or
MAT 225 Calculus II (4 cr.)
20. PHY 103 Physics for the Life Sciences I (4 cr.)**
or
PHY 111 General Physics I (4 cr.)
21. PHY 104 Physics for the Life Sciences II (4 cr.)**
or
PHY 112 General Physics II (4 cr.)
C. ELECTIVES 6-18
Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

NOTE:
* BIO 101 and BIO 102 may be taken in any order (i.e., BIO 101 is not the prerequisite for BIO 102) and satisfy departmental major requirements.
** MAT 224/MAT 225 are co-requisites or prerequisites for PHY 111/PHY 112. PHY 111 is a prerequisite for PHY 112.
*** BIO 490 (12 cr.) satisfies Cell Biology (BIO 401, 4 cr.), the Advanced Writing Requirement (BIO 380, 3 cr.), Oral Expression (General Education Skills, 0 cr.), and five biology elective credits.

BIOLOGICAL SCIENCES DEPARTMENT

Professors: N. Elwess, K. Lavoie, D. Slish, F. D. Vogt
Associate Professors: N. Buckley (chairperson), J. de Ondarza, J. Parker
Assistant Professors: M. Burgess, A. Ryan
Lecturers: L. Kapp, K. Smith
Biochemistry Coordinators: K. Ckless, D. Slish
Medical Technology Adjunct Faculty: L. Jones, J. Krochmal, J. Mihok, N. Mitchell, L. Moore, L. Zinzerhofer
Cytotechnology Adjunct Faculty: K. Vardey

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

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

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

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

Biochemistry: The undergraduate curriculum for the biochemistry major provides an excellent basis for advanced study in biochemistry, biological sciences, and allied health (medical, dental, veterinary, public health) as well as direct entry into industrial and academic research. For American Chemical Society Certification, students are
required to additionally take CHE 321, CHE 430,
CHE 431, CHE 455 (in place of CHE 451) and CHE 456.

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

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

Microbiology — 8 credits*
Immunology-Serology — 1 credit
Hematology — 8 credits

Blood Bank — 4 credits
Urinalysis/Clinical Microscopy — 1 credit
Principles of Disease — 1 credit
Clinical Chemistry — 8 credits
Elective — No credit or 1 credit

* Credits for each of these subjects may vary by
hospitals.

Students who complete clinical training successfully
receive a B.S. in medical technology and become
eligible to take the American Society for Clinical
Pathology’s Board of Certification examination. Those
who pass the exam receive certification and privilege to
use the title Medical Technologist (ASCP) and qualify for
New York State Licensure.

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.)

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. 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
Investigative Biology Experience (BIO 490) which is
offered in alternate spring semesters. This 12 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

Pre-Health Professions Advisory Committee (PHPAC): D. Slish (chairperson), C. Gregoire, L. Kapp

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

Other Pre-Medical and Pre-Health Study Options:
SUNY Plattsburgh has adopted affiliation agreements with other educational institutions to allow student to pursue further study in the health professions after leaving Plattsburgh. These programs are available:

- SUNY Buffalo, School of Pharmacy and Pharmaceutical Sciences, Doctor of Pharmacy (Pharm. D.) 3+4
- SUNY College of Optometry, Doctor of Optometry (OD) 3+4
- St. George's University, Doctor of Allopathic Medicine (M.D.) 3+4
- American University of Antigua, Doctor of Allopathic Medicine (M.D.) 3+4
- NY College of Podiatric Medicine, Doctor of Podiatric Medicine (D.P.M.) 3+4
- University of Bridgeport college of Chiropractic, Doctor of Chiropractic (D.C.)

Each of these programs involves an application process to the post-graduate school in addition to application to SUNY Plattsburgh; acceptance to SUNY Plattsburgh does not guarantee acceptance into the post-graduate program. 3 + 4 programs allow the student to enter the post-graduate school after 3 years at SUNY Plattsburgh in the Biology B.A. program. Upon successful completion of the first year of study at the post-graduate school students will be awarded the B.A. in biology from SUNY Plattsburgh. For further information contact a health professions advisor of the Pre-Health Professions Advisory Committee.

BIOLOGY MAJOR
Bachelor of Arts
Curriculum 0302 Requirements

A. GENERAL EDUCATION REQUIREMENTS

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS

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 Introduction to Botany (3 cr.) or BIO 209 Vertebrate Zoology (3 cr.) or BIO 323 Invertebrate 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 Investigative Biology Experience (AWR)** (12 cr.)
8. BIO 411 Plant Physiology (4 cr.) or BIO 421 Principles of Animal Physiology (4 cr.) or BIO 326 Human Anatomy and Physiology I (4 cr.) and BIO 327 Human Anatomy and Physiology II (4 cr.)***
9. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101 Elementary College Math or equivalent (0-3 cr.)
   MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
10. BIO 200 level or above. At least six credits must be BIO 300 level or BIO 400 level courses. No more than three credits of BIO 495, BIO 496 or BIO 499 in any combination can be counted towards the Biology Electives requirement.

C. COGNATE REQUIREMENTS

1. CHE 111 Fundamental Principles of Chemistry I (4 cr.)
2. CHE 112 Fundamental Principles of Chemistry II (4 cr.)
3. CHE 240 Fundamentals of Organic Chemistry (5 cr.)
4. CHE 308 Environmental Chemistry (3 cr.) or CHE 371 General Biochemistry (4 cr.) or CHE 401 Biochemistry I (3 cr.)
5. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101 Elementary College Math or equivalent (0-3 cr.)
   MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
6. MAT 131 Quantitative Reasoning in Basic Math (3 cr.) or MAT 161 Introductory Statistics (3 cr.) or BIO 333 Biostatistics (3 cr.)****
<table>
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<tr>
<th>ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS</th>
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<tbody>
<tr>
<td>7. MAT 221 Calculus for Life, Management, &amp; Social Sciences I (3 cr.) or MAT 104 Trigonometry (1 cr.) and MAT 224 Calculus I (4 cr.) or MAT 104 Trigonometry (1 cr.) and MAT 228 Applied Calculus (4 cr.)</td>
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<tr>
<td>8. PHY 111 General Physics (4 cr.) or PHY 103 Physics for the Life Sciences I (4 cr.)</td>
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</table>

**D. ELECTIVES** 8-19

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

**TOTAL CREDITS minimum 120**

**ADDITIONAL DEGREE REQUIREMENTS**

1. A minimum grade of C is required in all BIO courses.
2. A minimum overall GPA of 2.5 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).

**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 (12 cr.) satisfies Cell Biology (BIO 401, 4 cr.), the Advanced Writing Requirement (BIO 380, 3 cr.), Oral Expression (General Education Skills, 0 cr.), and five biology elective credits.**

**Both semesters of Human Anatomy and Physiology must be taken to satisfy the requirement. Four of the eight credits can be used to satisfy Biology electives.**

**BIO 333 if used to satisfy item 6. in the cognate requirements cannot also count towards item 10, Biology elective credits in the Departmental Requirements.**

**BIOLOGY MAJOR**

**Bachelor of Science**

**Curriculum 0303 Requirements**

<table>
<thead>
<tr>
<th>A. GENERAL EDUCATION REQUIREMENTS</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.</td>
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<tr>
<th>B. MAJOR DEPARTMENTAL REQUIREMENTS</th>
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<tbody>
<tr>
<td>1. BIO 101 General Biology I (4 cr.)*</td>
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<td>2. BIO 102 General Biology II (4 cr.)*</td>
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<tr>
<td>3. BIO 203 Microbiology (4 cr.) or BIO 205 Introduction to Botany (3 cr.) or BIO 209 Vertebrate Zoology (3 cr.) or BIO 323 Invertebrate Zoology (3 cr.) or BIO 329 Animal Behavior (3 cr.)</td>
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<td>4. BIO 208 Evolution (3 cr.)</td>
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<td>5. BIO 304 Ecology (4 cr.) or ENV 304 Ecology (4 cr.)</td>
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<td>6. BIO 305 General Genetics (4 cr.)</td>
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| 7. BIO 380 Communicating Biology (AWR) (3 cr.) or BIO 490 Investigative Biology Experience (AWR) (12 cr.)** |
| 8. BIO 401 Cell Biology (4 cr.) or BIO 490 Investigative Biology Experience (AWR) (12 cr.)** |
| 9. BIO 411 Plant Physiology (4 cr.) or BIO 421 Principles of Animal Physiology (4 cr.) or BIO 326 Human Anatomy and Physiology I (4 cr.) and BIO 327 Human Anatomy and Physiology II (4 cr.)*** |
| 10. Biology Electives (9 cr.) BIO 200 level or above. At least six credits must be BIO 300 or BIO 400 level courses. No more than three credits of BIO 495, BIO 496 or BIO 499 in any combination can be counted towards the Biology Electives requirement. |

<table>
<thead>
<tr>
<th>C. COGNATE REQUIREMENTS</th>
<th>34-42</th>
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</thead>
<tbody>
<tr>
<td>1. CHE 111 Fundamental Principles of Chemistry I (4 cr.)</td>
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<tr>
<td>2. CHE 112 Fundamental Principles of Chemistry II (4 cr.)</td>
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<tr>
<td>3. PHY 111 General Physics (4 cr.) or PHY 103 Physics for the Life Sciences I (4 cr.)</td>
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<td>4. PHY 112 General Physics II (4 cr.) or PHY 104 Physics for the Life Sciences II (4 cr.)</td>
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<td>5. CHE 241 Organic Chemistry I (4 cr.)</td>
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<td>6. CHE 242 Organic Chemistry II (4 cr.)</td>
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<td>7. Select a or b (4 cr.):</td>
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<tr>
<td>a. CHE 371 General Biochemistry (4 cr.)</td>
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<td>b. CHE 401 Biochemistry I (3 cr.) and CHE 481 Biochemistry Laboratory I (1 cr.)</td>
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<tr>
<td>8. Mathematics Prerequisite/Placement (0-6 cr.) MAT 101 Elementary College Math or equivalent (0-3 cr.) MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)</td>
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<tr>
<td>9. MAT 131 Quantitative Reasoning in Basic Math (3 cr.) or MAT 161 Introductory Statistics (3 cr.) or BIO 333 Biostatistics (3 cr.)****</td>
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<tr>
<td>10. MAT 221 Calculus for Life, Management, &amp; Social Sciences I (3 cr.) or MAT 104 Trigonometry (1 cr.) and MAT 224 Calculus I (4 cr.) or MAT 104 Trigonometry (1 cr.) and MAT 228 Applied Calculus (4 cr.)</td>
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<th>D. ELECTIVES</th>
<th>1-10</th>
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<tr>
<td>Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.</td>
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**TOTAL CREDITS minimum 120**

**ADDITIONAL DEGREE REQUIREMENTS**

1. A minimum grade of C is required in all BIO courses.
2. A minimum overall GPA of 2.5 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).

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

NOTES:
*A 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 (12 cr.) satisfies Cell Biology (BIO 401, 4 cr.), the Advanced Writing Requirement (BIO 380, 3 cr.), Oral Expression (General Education Skills, 0 cr.), and five biology elective credits.
***Both semesters of Human Anatomy and Physiology must be taken to satisfy the physiology requirement, but one semester may be used as a biology elective.
****BIO 333 if used to satisfy item 8. in the cognate requirements cannot also count towards item 10. Biology elective credits in the Departmental Requirements.

CYTOTECHNOLOGY MAJOR
Bachelor of Science
Curriculum 0787 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 37-39

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 326 Human Anatomy & Physiology I (4 cr.)
6. BIO 327 Human Anatomy & Physiology II (4 cr.)
7. BIO 380 Communicating Biology (AWR) (3 cr.) or BIO 490 Investigative Biology Experience (AWR) (12 cr.)*
8. BIO 401 Cell Biology (4 cr.) or BIO 490 Investigative Biology Experience (AWR) (12 cr.)*
9. BIO 407 Immunology (3 cr.)
10. Three credits in BIO, CHE courses (must be 200 level or above) or MGM 280

C. COGNATE REQUIREMENTS 27-35

1. Chemistry: (17 cr.)
   a. CHE 111 Fund. Principles of Chemistry I (4 cr.)
   b. CHE 112 Fund. Principles Chemistry II (4 cr.)
   c. CHE 240 Fund. of Organic Chemistry (5 cr.)
   d. CHE 371 General Biochemistry (4 cr.)

2. Mathematics: (6-14 cr.)
   a. Mathematics Prerequisite/Placement (0-6 cr.)
      MAT 101 Elementary College Math or equivalent (0-3 cr.)
      MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
   b. MAT 161 Introductory Statistics (3 cr.) or BIO 333 Biostatistics (3 cr.)****
   c. MAT 221 Calculus for the Life, Management, & Social Sciences I (3 cr.) or MAT 104 Trigonometry (1 cr.) and MAT 224 Calculus I (4 cr.) or MAT 104 Trigonometry (1 cr.) and MAT 228 Applied Calculus (4 cr.)

3. PHY 101 Introduction to Physics (4 cr.) or PHY 103 Physics for the Life Sciences (4 cr.) or PHY 111 General Physics (4 cr.)

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

D. ELECTIVES 0

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum overall GPA of 2.5 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

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 (12 cr.) satisfies Cell Biology (BIO 401, 4 cr.), the Advanced Writing Requirement (BIO 380, 3 cr.), Oral Expression (General Education Skills, 0 cr.) and five biology elective credits.
***Students completing the clinical training in cytotechnology are exempt from the Integration component of the General Education program.
****BIO 333 if used to satisfy item 2.a. in the cognate requirements cannot also count towards item 10. in the Departmental Requirements.
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

MEDICAL TECHNOLOGY MAJOR
Bachelor of Science
Curriculum 0722 Requirements

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 33-35

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 Investigative Biology Experience (AWR)
   (12 cr.)**
6. BIO 401 Cell Biology (4 cr.) or
   BIO 490 Investigative Biology Experience (AWR)
   (12 cr.)**
7. BIO 407 Immunology (3 cr.)
8. BIO 421 Principles of Animal Physiology (4 cr.)***
9. Three credits in BIO, CHE, or MGM. BIO and CHE courses must be 200 level or higher.

C. COGNATE REQUIREMENTS 31-39

1. Chemistry: (21 cr.)
   a. CHE 111 Fund. Principles of Chemistry I (4 cr.)
   b. CHE 112 Fund. Principles of 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: (6-14 cr.)
   a. Mathematics Prerequisite/Placement (0-6 cr.)
      MAT 101 Elementary College Math or equivalent (0-3 cr.)
      MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
   b. MAT 161 Introductory Statistics (3 cr.) or
      BIO 333 Biostatistics (3 cr.)****
   c. MAT 221 Calculus for the Life, Management, & Social Sciences I (3 cr.) or
      MAT 104 Trigonometry (1 cr.) and
      MAT 224 Calculus I (4 cr.) or
      MAT 104 Trigonometry (1 cr.) and
      MAT 228 Applied Calculus (4 cr.)

3. Physics: (4 cr.)
   PHY 101 Introduction of Physics (4 cr.) or
   PHY 103 Physics for the Life Sciences (4 cr.) or
   PHY 111 General Physics (4 cr.)

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

D. ELECTIVES 0

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.5 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

NOTES:
*BIO 101 and BIO 102 may be taken in order (i.e., BIO 101 is not the prerequisite for BIO 102) and satisfy departmental major requirements.
**BIO 490 (12 cr.) satisfies the Cell Biology (BIO 401, 4 cr.) the Advanced Writing Requirement (BIO 380, 3 cr.), Oral Expression (General Education Skills, 0 cr.) and five biology elective credits.
***BIO 326-327 may be used to satisfy BIO 421 and four credits of electives (both courses must be taken).
****Students completing the clinical training in medical technology are exempt from the Integration component of the General Education program.
*****BIO 333 if used to satisfy item 2.a. in the cognate requirements cannot also count towards item 9. in the Departmental Requirements.
CANADIAN STUDIES
PROGRAM

Coordinator: C. Kirkey
Professor: M. Richard
Adjunct Faculty: S. Jaskenen, M. Smith

The Canadian studies multidisciplinary undergraduate program at SUNY Plattsburgh is among the oldest and strongest undergraduate programs in the nation with a focus on Canada. 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. Minors are available in both Canadian studies and Québec studies. CAS 111 Introduction to Canada is the foundational course to the study of Canada and is required for both minors. A major in Canadian studies may also be pursued through individualized studies for students who build upon either minor by enrolling in additional Canadian content courses offered by cooperating departments. Students often find it attractive to combine Canadian studies and/or Québec studies with majors in disciplines such as history, business, French, political science, economics, and many others offered at SUNY Plattsburgh.

The Canadian studies program takes advantage of Plattsburgh’s strategic proximity to Canadian cities including Montréal, Ottawa, and Québec City to expose students to the importance of Canada and its prominent relationship with the United States. Regularized student mobility efforts include faculty-led study tours to Canada, student academic exchanges, and internship opportunities, as well as student participation at Canadian and Québec-content conferences.

Canadian Studies Faculty: Forty-five faculty associates offer more than 54 Canadian content courses on a wide variety of topics. These faculty represent such distinct disciplines as anthropology, art, business, Canadian studies, communications, economics, English, environmental science, finance, French, geography, history, literature, management, marketing, music, political science, social work, sociology, supply chain management, and theatre. The Canadian studies program involves prestigious faculty who specialize in Canada-oriented teaching and research.

Resident Programs in Canada: Students may participate for a semester or an academic year in resident programs at selected Canadian universities. Intensive French language immersion programs for three to five-week periods are also available throughout the summer at major universities in the Province of Québec. (For more information see the Study Abroad and Exchanges section.) Exceptional SUNY Plattsburgh undergraduate students have an opportunity to apply for the Killam Fellowship Program, which provides a $5,000/semester scholarship to study at one of the 16 Canadian university partners located across the country.

Internships: Canadian studies students acquire valuable skills and experience as participants in internship programs in the United States and Canada. Internship opportunities include state or provincial development offices, federal foreign affairs offices, consulates, Canadian multinational corporations, local businesses, and SUNY Plattsburgh’s Center for the Study of Canada. (See the Special Programs section of this catalog.) Internships offered through Canadian studies are specifically tailored to fit the unique interests of individual students. A paid summer internship opportunity is also available in collaboration with the Eastern Townships Resource Center, at Bishop’s University, in Lennoxville, Québec.

Scholarships: Each semester, several scholarships are available exclusively to students enrolled in Canadian studies programs. Depending upon student eligibility, Canadian studies scholarships may range from $250 to the equivalent of in-state tuition. The Canadian studies program is privileged to offer these scholarships due to the generosity of valuable supporters, including: Brookfield, friends and family of Jeanne Kissner, Hiram Walker, Imacon, Lucienne Glaubinger, Northern Telecom, Olive M. and Willard C. Flynt, Richard Beach, and The Development Corporation of Clinton County. For information on scholarships, contact the coordinator of Canadian studies or the Center for the Study of Canada.

Canadian Content Courses
ANT/HIS 431 First Nations of Canada (3 cr.)
ANT 451 Topics: Coastal Peoples (3 cr.)
CAS 111 Introduction to Canada (3 cr.)
CAS 305 Québec Cinema (3 cr.)
CAS 358 Canadian Cinema (3 cr.)
CAS 359 Profiles of Québec (AWR) (3 cr.)
CAS/HIS 398 Strangers in the Land: Canada/U.S. American History/Culture (3 cr.)
CAS/HIS 375 Borderland & Migration History: Canada and the U.S. (3 cr.)
CAS/HIS 379 Québec in the U.S.: Franco-American History/Culture (3 cr.)
CAS/HIS 398 Strangers in the Land: Canada/U.S. Responses to Immigrant Populations (3 cr.)
CAS 412 Topics in CAS: Theme Varies (1-3 cr.)
CAS 498 Internship in CAS (1-6 cr.)
CAS 499 Independent Study in CAS (3-6 cr.)
ECO 359 Ecology Systems & Cultures (3 cr.)
ECO 391 International Trade (3 cr.)
ENG 367 Canadian Fiction (3 cr.)
FIN 396 Money and Capital Markets (3 cr.)
FIN 400 International Financial Management (3 cr.)
FRE 112 Intermediate French I (3 cr.)
FRE 150 Intensive French Review (3 cr.)
FRE 213 Intermediate French I (3 cr.)
FRE 214 Intermediate French II (3 cr.)
FRE 316 Conversation avancee (3 cr.)
FRE 334 La Francophonie: Theme Varies (3 cr.)
FRE 335 Le Québec (3 cr.)
FRE 346 French-Canadian Themes (3 cr.)
GEG 123 World Geography: The Developed World (3 cr.)
GEG 307 Urban Geography and Planning (3 cr.)
CHEMISTRY DEPARTMENT

Chairperson: N. Buckley
SUNY Distinguished Service Professor: E. Miller
Professor: L. Luck
Associate Professors: K. Ckless, D. Criss, C. Hoag, E. Pater
Assistant Professor: R. Sunasee
Lecturers: T. Moffett, N. Parri, S. Sander, N. Varghese

Students of chemistry receive a sound foundation in the basic areas of inorganic, organic, analytical, and physical chemistry in preparation as professionals in the chemistry field. Along with core and upper-level chemistry courses, the requirements include fundamental courses in mathematics and physics and options in the humanities, social sciences, and other sciences as general education requirements or free electives. Students are encouraged to participate in research projects with faculty and have access to a variety of sophisticated instrumentation in courses and in research.

SUNY Plattsburgh’s Chemistry Department has been accredited since 1976 by the Committee on Professional Training of the American Chemical Society (ACS).

B.A. in Chemistry: Because of its minimum number of credits, this curriculum allows students to specialize in another area in addition to chemistry. Students may also select courses as pre-professional requirements for graduate study in medicine, veterinary medicine, and dentistry.

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

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

B.S. Biochemistry Program: This program provides the depth of knowledge and skill that students need to prepare for careers in health, nutritional, or biotechnical fields (e.g., medicine, dentistry, food chemistry, genetic engineering, and industrial enzymology). It includes a solid foundation in biology, chemistry, and physics, but it is flexible enough to be tailored to meet each student’s particular needs or goals. (See listing under Biochemistry.)

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

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

**Bachelor of Arts**

Curriculum 0713 Requirements

<table>
<thead>
<tr>
<th>A. GENERAL EDUCATION REQUIREMENTS</th>
<th>CREDITS</th>
<th>33-34</th>
</tr>
</thead>
</table>

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

<table>
<thead>
<tr>
<th>B. MAJOR DEPARTMENTAL REQUIREMENTS</th>
<th>CREDITS</th>
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</tr>
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<tbody>
<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. CHE 241 Organic Chemistry I (4 cr.)</td>
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<td>4. CHE 242 Organic Chemistry II (4 cr.)</td>
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<td>5. CHE 321 Analytical Chemistry (5 cr.)</td>
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<td>6. CHE 391 Written &amp; Oral Reports (AWR) (3 cr.)</td>
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<tr>
<td>7. CHE 421 Advanced Analytical Chemistry (4 cr.) or CHE 430 Inorganic Chemistry I (4 cr.)</td>
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<td>8. CHE 455 Physical Chemistry I (4 cr.)</td>
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<td>9. CHE 456 Physical Chemistry II (4 cr.)</td>
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<tr>
<td>10. CHE 491 Chemistry Seminar I (1 cr.)</td>
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<tr>
<th>C. COGNATE REQUIREMENTS</th>
<th>CREDITS</th>
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</thead>
<tbody>
<tr>
<td>1. Mathematics Prerequisite/Placement (0-6 cr.)</td>
<td>MAT 101 Elementary College Math or equivalent (0-3 cr.)</td>
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<tr>
<td>MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)</td>
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<tr>
<td>2. MAT 104 Trigonometry (1 cr.) and MAT 224 Calculus I (4 cr.)</td>
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<td>3. MAT 225 Calculus II (4 cr.)</td>
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<tr>
<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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<tr>
<th>D. ELECTIVES</th>
<th>CREDITS</th>
<th>26-34</th>
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</thead>
</table>

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

**TOTAL CREDITS** minimum 120

**ADDITIONAL DEGREE REQUIREMENTS**

1. Chemistry majors will be advised to repeat any course in which they receive a grade below a C.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60)

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## CHEMISTRY MAJOR

**Bachelor of Science**

Curriculum 0771 Requirements

<table>
<thead>
<tr>
<th>A. GENERAL EDUCATION REQUIREMENTS</th>
<th>CREDITS</th>
<th>33-34</th>
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</table>

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

<table>
<thead>
<tr>
<th>B. MAJOR DEPARTMENTAL REQUIREMENTS</th>
<th>CREDITS</th>
<th>51</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. CHE 106 Studies in General Chemistry (3 cr.) and CHE 107 Continuing Studies in General Chemistry (4 cr.) or CHE 111 Fundamental 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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<td>5. CHE 321 Analytical Chemistry (5 cr.)</td>
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<tr>
<td>6. CHE 391 Written &amp; Oral Reports (AWR) (3 cr.)</td>
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<td>7. CHE 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 (4 cr.)</td>
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<td>10. CHE 431 Inorganic Chemistry II (4 cr.)</td>
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<tr>
<td>11. CHE 455 Physical Chemistry I (4 cr.)</td>
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<tr>
<td>12. CHE 456 Physical Chemistry II (4 cr.)</td>
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<tr>
<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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<tr>
<th>C. COGNATE REQUIREMENTS</th>
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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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<tr>
<th>D. ELECTIVES</th>
<th>CREDITS</th>
<th>12-20</th>
</tr>
</thead>
</table>

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

**TOTAL CREDITS** minimum 120

**ADDITIONAL DEGREE REQUIREMENTS**

1. A minimum overall GPA of 2.67 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

**NOTE:** This program leads to American Chemical Society (ACS) certification.
COMMUNICATION STUDIES DEPARTMENT

Professors: J. Gustainis, S. Rao
Associate Professors: T. Clukey (chairperson),
D. DeSilva, P. Ensel, K. Isgro, C. Johnson
Assistant Professors: J. Bullins, B. Haina
Adjunct Faculty: Eight positions

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

- Audio-Radio
- Broadcast Journalism
- Communication Studies
- Digital Media Production
- TV-Video Production

As part of these five majors, students may either receive a B.A. or B.S. degree. Our students are given a liberal arts education along with solid technical training and taught to think creatively, critically and responsibly.

The TV-Video production major gives students the ability to write scripts, shoot and edit, and direct and produce multi-camera live television programs (both studio and field). Students in this major are preparing for careers in producing, directing, acting, editing and other production positions in both broadcast and non-broadcast fields.

The Broadcast Journalism major prepares students to gather, write, edit, produce, and deliver electronic news and sports. They acquire the skills necessary for the production of news, sports and feature-length public affairs programs for radio and television broadcasting. Courses include journalism, ethics, on-air performance, broadcast writing and law. This major prepares students for careers in the broadcast news and sports industry as reporters, anchors, producers and videographers.

The Audio/Radio production major connects students with the wide-ranging fields of audio, radio and media production. In this major, students learn how to write script and record and produce music for radio, television, films and web as well as hone their skills as on-air talents. Majors in Audio-Radio production acquire technical proficiency with digital audio tools and learn what it takes to work in radio as a production and promotion manager, sales and operations manager or as an on-air talent.

The digital Media production major teaches students how to use digital technology to create, manipulate and effectively communicate information to a variety of audiences over multiple media platforms. Learning to build websites, produce digital videos and develop audio expertise, students explore rapidly evolving technologies and prepare for the convergence of digital media. Students studying in this major are prepared to work in a variety of technology-driven fields including website development, digital television, digital film, multimedia production and online publication.

Students seeking a well-rounded background in communication focused on media studies, rhetoric and organizational communication would be interested in our Communication Studies major. This major is valuable for students interested in using their personal communication skills in pursuing professions such as politics, law, speechwriting, media relations, as well as those who wish to pursue graduate studies and teaching.

The teaching philosophy which 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 experiences. Our student expand their theoretical knowledge by operating a cable television station (PSTV or Plattsburgh State Television) and a closed-circuit radio station (WARP). Through these experiences, students familiarize themselves with the various aspects of producing television and radio programming formats, including newscasts, live hockey and basketball telecasting, game shows, drama and music videos. Additionally, several of our courses offer experiential and service learning components that add value and enrichment to their experiences. For many students, their studies culminate with a semester-long or summer-long full-time (or part-time) internship at one of more than 60 corporations, broadcast networks and stations, advertising and human resource agencies and government offices located throughout New York state and the east coast.

AUGMENTED GENERAL EDUCATION REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

COMMUNICATION STUDIES DEPARTMENT

A. GENERAL EDUCATION REQUIREMENTS

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS

Core Requirements: (25 cr.)

1. Introductory Courses (6 cr.)
   - CMM 101 Introduction to Public Speaking (3 cr.)
   - CMM 118 Media and Society (3 cr.)

2. Survey and History (3 cr.)
   - CMM 288 Fundamentals of Electronic Media (3 cr.)

3. Professional Preparation (12 cr.)
   - CMM 209 Broadcast Announcing Practicum (1 cr.)
   - CMM 232 Basic Audio Production (3 cr.)
   - CMM 428 Advanced Radio Production (4 cr.)
   - CMM 446 Digital Audio Recording Applications (4 cr.)

4. Advanced Writing (3 cr.)
   - CMM 335 Writing for Radio and Television (AWR) (3 cr.)
5. Senior Seminar (1 cr.)
   CMM 491 Senior Seminar (1 cr.)

Electives: (27 cr.)

1. Application and Development (12 cr.)
   Select twelve credits from the following:
   - CMM 233 Television Station Operations *** (3 cr.)
   - CMM 408* Audio Field Recording Practicum** (2-4 cr.)
   - CMM 409* WARP Radio Management Practicum** (2-4 cr.)
   - CMM 435 Electronic Media Management (3 cr.)
   - ENG 318 Playwriting (3 cr.)
   - MUS 114 American Pop: North and South (3 cr.)
   - MUS 120 Fundamental Musicianship (3 cr.)
   - MUS 305 Introduction to Music Technology (3 cr.)
   - THE 103 Stage Lighting & Sound (4 cr.)
   * Must take CMM 408 or 409
   ** Only applies twice to fulfill major
   *** Students assigned to audio positions

2. Communication Contexts (6 cr.)
   Select two of the following:
   - CMM 302 Global Media and Communication (3 cr.)
   - CMM 303 Health Communication (3 cr.)
   - CMM 304 Business and Professional Speaking (3 cr.)
   - CMM 315 Applied Media Aesthetics (3 cr.)
   - CMM 322 Mass Media Propaganda, 1900-1945 (3 cr.)
   - CMM 323 Mass Media Propaganda, 1949-Present (3 cr.)
   - CMM 338 Understanding Film (3 cr.)

3. Culture and Communication (6 cr.)
   Select two of the following:
   - CMM 307 Argumentation & Reasoning (3 cr.)
   - CMM 316 Intercultural Communication (3 cr.)
   - CMM 329 Interpersonal Communication (3 cr.)
   - CMM 330 Criticism of News Media (3 cr.)
   - CMM 348 Media & Communication Ethics (3 cr.)
   - CMM 350 Media Convergence (3 cr.)
   - CMM 365 Media and Popular Culture (3 cr.)
   - CMM 455 Media Law (3 cr.)

4. Theoretical Foundations (3 cr.)
   Select one of the following:
   - CMM 325 Communication Theory (3 cr.)
   - CMM 328 Rhetorical Theories (3 cr.)
   - CMM 401 Political Communication (3 cr.)
   - CMM 490 Mass Communication Theory (3 cr.)

C. ELECTIVES 14-15

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120
## 2. Communication Contexts (6 cr.)
Select two of the following:
- **CMM 302** Global Media and Communication (3 cr.)
- **CMM 303** Health Communication (3 cr.)
- **CMM 304** Business and Professional Communication (3 cr.)
- **CMM 315** Applied Media Aesthetics (3 cr.)
- **CMM 322** Mass Media Propaganda, 1900-1945 (3 cr.)
- **CMM 323** Mass Media Propaganda, 1946-Present (3 cr.)
- **CMM 338** Understanding Film (3 cr.)

## 3. Culture and Communication (6 cr.)
Select two of the following:
- **CMM 307** Argumentation and Reasoning (3 cr.)
- **CMM 316** Intercultural Communication (3 cr.)
- **CMM 329** Interpersonal Communication (3 cr.)
- **CMM 330** Criticism of News Media (3 cr.)
- **CMM 348** Journalism and Media Ethics (3 cr.)
- **CMM 350** Media Convergence (3 cr.)
- **CMM 365** Media & Popular Culture (3 cr.)
- **CMM 455** Media Law (3 cr.)

## 4. Theoretical Foundations (3 cr.)
Select one of the following:
- **CMM 325** Communication Theory (3 cr.)
- **CMM 328** Rhetorical Theories (3 cr.)
- **CMM 401** Political Communication (3 cr.)
- **CMM 490** Mass Communication Theory (3 cr.)

### C. ELECTIVES 30-32
Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

### TOTAL CREDITS minimum 120

### ADDITIONAL DEGREE REQUIREMENTS
1. Students must earn a minimum grade of C in each of three core courses — **CMM 101**, **CMM 118**, and **CMM 288** — in order to fulfill degree requirements.
2. A grade of C or better is required in the AWR course, **CMM 333**.
3. A minimum overall GPA of 2.0 in all required major courses (Category B).
4. Completion of all college-wide degree requirements (Pages 58-60).
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

CMM 329 Interpersonal Communication (3 cr.)
CMM 330 Criticism of News Media (3 cr.)
CMM 348 Media & Communication Ethics (3 cr.)
CMM 350 Media Convergence (3 cr.)
CMM 365 Media & Popular Culture (3 cr.)
CMM 455 Media Law (3 cr.)

4. Advanced Writing (3 cr.)
Select one of the following:
CMM 335 Writing for Radio and Television (AWR) (3 cr.)
CMM 333 Writing for Broadcast Journalism (AWR) (3 cr.)

5. Senior Seminar (1 cr.)
CMM 491 Senior Seminar (1 cr.)

Electives: (28-30 cr.)
1. Design and Application (12-15 cr.)
Select four of the following:
ART 205 Introduction to Graphic Design (3 cr.)
CMM 360 Multimedia Storytelling (3 cr.)
CMM 361 Video Motion Graphics (3 cr.)
CMM 424* Digital Animation Production (4 cr.)
CMM 434* Advanced Web Design (4 cr.)
CMM 464* Digital Audio Recording Applications (4 cr.)
ENG 366 New Media (3 cr.)
JOU 316 Digital Publishing (3 cr.)
*Must take CMM 424 or 434

2. Communication Contexts (6 cr.)
Select two of the following:
CMM 302 Global Media and Communication (3 cr.)
CMM 303 Health Communication (3 cr.)
CMM 304 Business and Professional Communication (3 cr.)
CMM 315 Applied Media Aesthetics (3 cr.)
CMM 322 Mass Media Propaganda, 1900-1945 (3 cr.)
CMM 323 Mass Media Propaganda, 1946-Present (3 cr.)
CMM 338 Understanding Film (3 cr.)

3. Culture and Communication (6 cr.)
Select two of the following:
CMM 307 Argumentation & Reasoning (3 cr.)
CMM 316 Intercultural Communication (3 cr.)
CMM 329 Interpersonal Communication (3 cr.)
CMM 330 Criticism of News Media (3 cr.)
CMM 348 Media & Communication Ethics (3 cr.)
CMM 350 Media Convergence (3 cr.)
CMM 365 Media & Popular Culture (3 cr.)
CMM 455 Media Law (3 cr.)

5. Theoretical Foundations (3 cr.)
Select one of the following:
CMM 325 Communication Theory (3 cr.)
CMM 328 Rhetorical Theories (3 cr.)
CMM 401 Political Communication (3 cr.)
CMM 490 Mass Communication Theory (3 cr.)

TOTAL CREDITS minimum 120
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

ADDITIONAL DEGREE REQUIREMENTS
1. Students must earn a minimum grade of C in each of three core courses — CMM 101, CMM 118, and CMM 288 — in order to fulfill degree requirements.
2. A grade of C or better is required in the AWR course, CMM 335.
3. A minimum overall GPA of 2.0 in all required major courses (Category B).
4. Completion of all college-wide degree requirements (Pages 58-60).

TV-VIDEO PRODUCTION MAJOR
Bachelor of Arts or Bachelor of Science Curriculum 0262 or 0263 Requirements

A. GENERAL EDUCATION REQUIREMENTS  33-34
Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS  51-52
Core Requirements: (26 cr.)
1. Introductory Courses (6 cr.)
   CMM 101  Introduction of Public Speaking (3 cr.)
   CMM 118  Media and Society (3 cr.)
2. Survey and History (3 cr.)
   CMM 288  Fundamentals of Electronic Media (3 cr.)
3. Professional Preparation (13 cr.)
   CMM 229  Basic Planning & Production for TV (3 cr.)
   CMM 232  Basic Audio Production (3 cr.)
   CMM 233  Television Station Operations* (3 cr.)
   CMM 375  Television Studio Production (4 cr.)
4. Advanced Writing (3 cr.)
   CMM 335  Writing for Radio and Television (AWR) (3 cr.)
5. Senior Seminar (1 cr.)
   CMM 491  Senior Seminar (1 cr.)

Electives: (25-26 cr.)
1. Application & Development (10-11 cr.)
   Select three of the following:
   CMM 312  Fundamentals of Multimedia Production (3 cr.)
   CMM 385  Digital Video Editing (3 cr.)
   CMM 400** Producing the Documentary (4 cr.)
   CMM 429** Television Field Acting and Production (4 cr.)
   CMM 433  Television Station Management* (3 cr.)
   CMM 435  Electronic Media Management (3 cr.)
   ENG 366  New Media (3 cr.)
   *Only applies once to fulfill major
   **Must take CMM 400 or 429

2. Communication Contexts (6 cr.)
   Select two of the following:
   CMM 302  Global Media and Communication (3 cr.)
   CMM 303  Health Communication (3 cr.)
   CMM 304  Business & Professional Communication (3 cr.)
   CMM 315  Applied Media Aesthetics (3 cr.)
   CMM 322  Mass Media Propaganda, 1900-1945 (3 cr.)
   CMM 323  Mass Media Propaganda, 1946-Present (3 cr.)
   CMM 338  Understanding Film (3 cr.)

3. Culture and Communication (6 cr.)
   Select two of the following:
   CMM 307  Argumentation and Reasoning (3 cr.)
   CMM 316  Intercultural Communication (3 cr.)
   CMM 329  Interpersonal Communication (3 cr.)
   CMM 330  Criticism of News Media (3 cr.)
   CMM 348  Media & Communication Ethics (3 cr.)
   CMM 350  Media Convergence (3 cr.)
   CMM 365  Media & Popular Culture (3 cr.)
   CMM 455  Media Law (3 cr.)

4. Theoretical Foundations (3 cr.)
   Select one of the following:
   CMM 325  Communication Theory (3 cr.)
   CMM 328  Rhetorical Theories (3 cr.)
   CMM 401  Political Communication (3 cr.)
   CMM 490  Mass Communication Theory (3 cr.)

C. ELECTIVES  34-37
Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS  minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. Students must earn a minimum grade of C in each of three core courses — CMM 101, CMM 118, and CMM 288 — in order to fulfill degree requirements.
2. A grade of C or better is required in the AWR (Advanced Writing Requirement) course, CMM 335.
3. A minimum overall GPA of 2.0 in all required major courses (Category B).
4. Completion of all college-wide degree requirements (Pages 58-60).
COMPUTER SCIENCE DEPARTMENT

Associate Professors: S. Gutierrez, D. Hart, J. Plaza (chairperson)
Assistant Professors: S. Crain, K. McCullen
Adjunct Faculty: Five 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, physics, linguistics, and engineering. The discipline has both theoretical and applied components. Theoretical computer science involves the study of the mathematical and logical concepts used in the structure of information and the creation of algorithms, which in turn, lead to the analysis and the design of hardware and software. Applied computer science is concerned with the utilization of the discipline and its machines, not only for the further study of computer science itself, but also for the solution of problems related to various other disciplines.

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

Database administration and network management are other fields open to the computer science professional.

The department offers two degree programs in computer science: the Computer Science (CS) major and the Information Technology (IT) major.

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

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

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

COMPUTER SCIENCE MAJOR
Bachelor of Arts — Curriculum 0781

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 41-44

1. Computing Prerequisites (0-3 cr.)
   CSC 119 Introduction to UNIX/Linux (1 cr.)
   CSC 121 Introduction to Computing and the Web (3 cr.) or
   CSC 122 Physical Computing (3 cr.) or
   CSC 123 Scientific Simulation and Modeling (3 cr.) or
   Familiarity with programming

2. CSC 119 Introduction to UNIX/Linux (1 cr.)
3. CSC 217 Discrete Math with Computer Applications I (3 cr.)
4. CSC 221 Introduction to Programming (3 cr.)
5. CSC 223 Data Structures and Algorithms (3 cr.)
6. CSC 309 Programming Language C (1 cr.)
7. CSC 318 Discrete Math with Computer Applications II (3 cr.) or
   MAT 231 Sets, Functions and Relations (3 cr.)
8. CSC 319 Object-Oriented Design and Programming (3 cr.)
9. CSC 321 Design and Analysis of Algorithms (3 cr.)
10. CSC 333 Computer Organization (3 cr.)
11. CSC 336 Software Engineering I (3 cr.)
12. CSC 372 Ethics in the Age of Technology and Information (3 cr.) (AWR)
13. CSC 422 Theory of Computation (3 cr.)
14. CSC 433 Operating Systems (3 cr.)
15. CSC 446 Software Design Studio (3 cr.)
16. Elective: select three credits in 300/400 level

C. COGNATE REQUIREMENTS 13

1. Communication Elective: select one course (3 cr.)
   CMM 101 Introduction to Public Speaking (3 cr.) or
   Additional AWR course (other than CSC 372)
**ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS**

<table>
<thead>
<tr>
<th>2. Mathematics Prerequisite/Placement (0-6 cr.)</th>
<th>12. CSC 372  Ethics in the Age of Technology and Information (3 cr.) (AWR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 101 Elementary College Math or equivalent (0-3 cr.)</td>
<td></td>
</tr>
<tr>
<td>MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3. Calculus: (5 cr.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 104 Trigonometry (1 cr.) and</td>
</tr>
<tr>
<td>MAT 224 Calculus (4 cr.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. Math Elective: select one course (3-4 cr.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 202 Linear Algebra (3 cr.) or</td>
</tr>
<tr>
<td>MAT 225 Calculus II (4 cr.)</td>
</tr>
</tbody>
</table>

**D. ELECTIVES 24-35**

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

**TOTAL CREDITS minimum 120**

**ADDITIONAL DEGREE REQUIREMENTS**

1. A grade of C or better in CSC 221 and CSC 223.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).

**COMPUTER SCIENCE MAJOR**

**Bachelor of Science — Curriculum 0782**

**CREDITS**

<table>
<thead>
<tr>
<th>A. GENERAL EDUCATION REQUIREMENTS 33-34</th>
</tr>
</thead>
</table>

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

<table>
<thead>
<tr>
<th>B. MAJOR DEPARTMENTAL REQUIREMENTS 50-53</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Computing Prerequisites (0-3 cr.)</td>
</tr>
<tr>
<td>CSC 121 Introduction to Computing and the Web (3 cr.) or</td>
</tr>
<tr>
<td>CSC 122 Physical Computing (3 cr.) or</td>
</tr>
<tr>
<td>CSC 123 Scientific Simulation and Modeling (3 cr.) or</td>
</tr>
<tr>
<td>CSC 119 Introduction to UNIX/Linux (1 cr.)</td>
</tr>
<tr>
<td>CSC 217 Discrete Math with Computer Applications I (3 cr.) or</td>
</tr>
<tr>
<td>CSC 221 Introduction to Programming (3 cr.)</td>
</tr>
<tr>
<td>CSC 223 Data Structures and Algorithms (3 cr.)</td>
</tr>
<tr>
<td>CSC 309 Programming Language C (1 cr.)</td>
</tr>
<tr>
<td>CSC 318 Discrete Math with Computer Applications II (3 cr.) or</td>
</tr>
<tr>
<td>CSC 231 Sets, Functions and Relations (3 cr.)</td>
</tr>
<tr>
<td>CSC 319 Object-Oriented Design and Programming (3 cr.)</td>
</tr>
<tr>
<td>CSC 321 Design and Analysis of Algorithms (3 cr.)</td>
</tr>
<tr>
<td>CSC 333 Computer Organization (3 cr.)</td>
</tr>
<tr>
<td>CSC 336 Software Engineering I (3 cr.)</td>
</tr>
</tbody>
</table>

| 12. CSC 372  Ethics in the Age of Technology and Information (3 cr.) (AWR) |
| 13. CSC 422  Theory of Computation (3 cr.) |
| 14. CSC 433  Operating Systems (3 cr.) |
| 15. CSC 446  Software Design Studio (3 cr.) |
| 16. Electives: select twelve credits in 300/400 level |
| CSC courses with the following restrictions: |
| Only three credits in CSC 310/311/312/313 can be counted; |
| Only three credits in CSC 436 Software Engineering II can be counted; |
| Only three credits in CSC 496 Instructional Practicum can be counted; |
| Only three credits in CSC 497 Computing Practicum and CSC 498 |

**C. COGNATE REQUIREMENTS 11-18**

| 1. Communication Elective: select one course (3 cr.) |
| CMM 101 Introduction to Public Speaking (3 cr.) or |
| Additional AWR course (other than CSC 372) |

<table>
<thead>
<tr>
<th>2. Mathematics Prerequisite/Placement: (0-6 cr.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 101 Elementary College Math or equivalent (0-3 cr.)</td>
</tr>
<tr>
<td>MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3. Calculus: (5 cr.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 104 Trigonometry (1 cr.) and</td>
</tr>
<tr>
<td>MAT 224 Calculus (4 cr.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. Math Elective: select one course (3-4 cr.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 202 Linear Algebra (3 cr.) or</td>
</tr>
<tr>
<td>MAT 225 Calculus II (4 cr.)</td>
</tr>
</tbody>
</table>

**D. ELECTIVES 18-26**

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

**TOTAL CREDITS minimum 120**

**ADDITIONAL DEGREE REQUIREMENTS**

1. A grade of C or better in CSC 221 and CSC 223.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).
COMPUTER SECURITY MAJOR
Bachelor of Arts
Curriculum 0310 Requirements or
Bachelor of Science
Curriculum 0311 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 49-53

1. Computing Prerequisites: (0-3 cr.)
   CSC 121  Introduction to Computing and the Web (3 cr.)
   or
   CSC 122  Physical Computing (3 cr.)
   or
   CSC 123  Scientific Simulation and Modeling (3 cr.)
   or
   Familiarity with programming

2. Core Requirements: (31 cr.)
   CSC 119  Introduction to UNIX/Linux (1 cr.)
   CSC 152  Computer Security and Society (3 cr.)
   CSC 217  Discrete Math with Computer Applications (3 cr.)
   CSC 221  Introduction to Programming (3 cr.)
   CSC 309  Programming Language C (1 cr.)
   CSC 318  Discrete Mathematics with Computer Applications (3 cr.)
   CSC 320  System Administration (1 cr.)
   CSC 323  System Administration Tools (1 cr.)
   CSC 323  System Administration Tools (1 cr.) with a different topic
   CSC 333  Computer Organization (3 cr.)
   CSC 336  Software Engineering (3 cr.)
   CSC 352  Computer Security (3 cr.)
   CSC 357  Computer Networks (3 cr.)
   CSC 372  Ethics in the Age of Technology and Information (3 cr.) (AWR)
   CSC 433  Operating Systems (3 cr.)

3. Elective Concentration: (10-12 cr.)
   select one concentration
   Threat Analysis Concentration (10-12 cr.)
   a. CSC 330  Human Computer Interaction (3 cr.)
   b. One of the following sets of courses:
      CSC 310  Perl (1 cr.) and
      CSC 341  Introduction to Databases with Web Applications (3 cr.)
      CSC 223  Data Structures and Algorithms (3 cr.)
      CSC 441  Database Management Systems (3 cr.)
   c. CSC 452  Threat Modeling and Analysis (3 cr.)

   Reliability Concentration (11 cr.)
   a. CSC 223  Data Structures and Algorithms (3 cr.)
   b. CSC 310  Perl (1 cr.)
   c. CSC 311/312/313 Computer Language (1 cr.)
   d. One of the following:
      CSC 314  Non-Imperative Programming (3 cr.)

   Privacy Concentration (10-12 cr.)
   a. CSC 223  Data Structures and Algorithms (3 cr.)
   b. One of the following sets of courses:
      CSC 310  Perl (1 cr.) and
      CSC 341  Introduction to Databases with Web Applications (3 cr.)
      CSC 223  Data Structures and Algorithms (3 cr.)
      CSC 441  Database Management Systems (3 cr.)
   c. CSC 452  Threat Modeling and Analysis (3 cr.)

   Intrusion Detection Concentration (10-12 cr.)
   a. One of the following sets of courses:
      CSC 310  Perl (1 cr.) and
      CSC 341  Introduction to Databases with Web Applications (3 cr.)
      CSC 223  Data Structures and Algorithms (3 cr.)
      CSC 441  Database Management Systems (3 cr.)
   b. CSC 345  Artificial Intelligence (3 cr.) or
      CSC 445  Knowledge Representation and Inference (3 cr.)
   c. CSC 462  Intrusion Detection (3 cr.)

   Management Information Systems Concentration (12 cr.)
   a. MIS 418  Foundations of Cybercrime and Cybersecurity (3 cr.)
   b. MIS 419  Information Assurance and Network Control (3 cr.)
   c. MIS 420  Data Privacy and Security (3 cr.)
   d. MIS 440  Management Information Systems (3 cr.) or
      CSC 341  Introduction to Databases with Web Applications (3 cr.)
      CSC 441  Database Management Systems (3 cr.)

   4. Security Elective: (3 cr.) select one course not taken to satisfy the elective concentration in 3
   a. CSC 442  Data Mining (3 cr.)
   b. CSC 452  Threat Modeling and Analysis (3 cr.)
   c. CSC 456  Reliable Systems (3 cr.)
   d. CSC 462  Intrusion Detection (3 cr.)

   5. Experiential Elective: (3 cr.) select one course
   a. CSC 436  Software Engineering II (3 cr.)
   b. CSC 446  Software Engineering Studio (3 cr.)
   c. CSC 497  Computing Practicum (3 cr.)
   d. CSC 498  Internship (3 cr.)

C. COGNATE REQUIREMENTS 3-9

1. Communication Elective: (3 cr.) select one course
   a. CMM 101  Introduction to Public Speaking (3 cr.)
b. another CMM or AWR course (other than CSC 372) by advisement

2. Mathematics Prerequisite/Placement: (0-6 cr.)
   MAT 101 Elementary College Math or equivalent (0-3 cr.)
   MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)

D. ELECTIVES 22-32

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. Grade of C or better in each course taken in category B.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).

INFORMATION TECHNOLOGY
MAJOR
 Bachelor of Arts
Curriculum 0308 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 37

1. CSC 119 Introduction to UNIX/Linux (1 cr.)
2. CSC 121 Introduction to Computing and the Web (3 cr.) or
   CSC 122 Physical Computing (3 cr.)
3. CSC 217 Discrete Math with Computer Applications (3 cr.) or
   MAT 361 Probability and Statistics (3 cr.)
4. CSC 221 Introduction to Programming (3 cr.)
5. CSC 310 Perl (1 cr.)
6. CSC 311 or CSC 312 or CSC 313 Computer Language (1 cr.)
7. CSC 320 System Administration (1 cr.)
8. CSC 330 Human Computer Interfaces (3 cr.)
9. CSC 336 Software Engineering I (3 cr.)
10. CSC 341 Introduction to Databases with Web Applications (3 cr.) or
    CSC 441 Database Management Systems (3 cr.)
11. CSC 352 Computer Security (3 cr.)
12. CSC 357 Computer Networks (3 cr.)
13. CSC 372 Ethics in the Age of Technology and Information (3 cr.) (AWR)
14. CSC 436 Software Engineering II (3 cr.)
15. Experiential Electives: select three credits (3 cr.):
    CSC 436 Software Engineering II (3 cr.) with a different topic than CSC 436 in B13.
    CSC 496 Instructional Practicum (1-2 cr.) May be repeated.
    CSC 497 Computing Practicum (1-3 cr.) May be repeated.
    CSC 498 Internship (1-3 cr.) May be repeated.

C. COGNATE REQUIREMENTS 9-18

1. Communication Elective: (3 cr.) select one course
   CMM 101 Introduction to Public Speaking (3 cr.)
   or additional AWR course other than CSC 372
2. Mathematics Prerequisite/Placement: (0-6 cr.)
   MAT 101 Elementary College Math or equivalent (0-3 cr.)
   MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
3. Math Elective: (3-5 cr.) select one course:
   BIO 333 Biostatistics (3 cr.)
   CSC 318 Discrete Math with Computer Applications II (3 cr.)
   ECO 260 Business Statistics I (3 cr.)
   ENV 333 Biostatistics (3 cr.)
   MAT 161 Introductory Statistics (3 cr.)
   MAT 221 Calculus I (3 cr.)
   MAT 104 Trigonometry and
   MAT 224 Calculus I (4 cr.)

D. ELECTIVES 38-47

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A grade of C or better in CSC 121 and CSC 221.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).

INFORMATION TECHNOLOGY
MAJOR
 Bachelor of Science
Curriculum 0305 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 46

1. CSC 119 Introduction to UNIX/Linux (1 cr.)
2. CSC 121 Introduction to Computing and the Web (3 cr.) or
   CSC 122 Physical Computing (3 cr.)
3. CSC 352 Computer Security (3 cr.)
4. CSC 217 Discrete Math with Computer Applications (3 cr.) or
   MAT 361 Probability and Statistics (3 cr.)
5. CSC 221 Introduction to Programming (3 cr.)
6. CSC 310 Perl (1 cr.)
7. CSC 311 or CSC 312 or CSC 313 Computer Language (1 cr.)
8. CSC 320 System Administration (1 cr.)
9. CSC 330 Human Computer Interfaces (3 cr.)
10. CSC 336 Software Engineering I (3 cr.)
11. CSC 341 Introduction to Databases with Web Applications (3 cr.) or
    CSC 441 Database Management Systems (3 cr.)
12. CSC 344 Database Management Systems (3 cr.)
13. CSC 357 Computer Networks (3 cr.)
14. CSC 372 Ethics in the Age of Technology and Information (3 cr.) (AWR)
15. Experiential Electives: select three credits (3 cr.):
    CSC 436 Software Engineering II (3 cr.)
    or
    CSC 496 Instructional Practicum (1-2 cr.)
16. Other Electives: select twelve credits in CSC 285 Topics in Computing or 300/400 level CSC courses with the following restrictions:
    Only three credits in CSC 285 can be counted;
    Only two credits in CSC 311/312/313 can be counted;
    No credits in CSC 436, CSC 496, CSC 497, CSC 498 can be counted.

C. COGNATE REQUIREMENTS  6-14

1. Communication Elective: (3 cr.) select one course
   CMM 101 Introduction to Public Speaking (3 cr.) or additional AWR course other than CSC 372
2. Mathematics Prerequisite/Placement: (0-6 cr.)
   MAT 101 Elementary College Math or equivalent (0-3 cr.)
   MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
3. Math Elective: (3-5 cr.) select one course
   BIO 333 Biostatistics (3 cr.)
   CSC 318 Discrete Math with Computer Applications II (3 cr.)
   ECO 260 Business Statistics I (3 cr.)
   ENV 333 Biostatistics (3 cr.)
   MAT 161 Introductory Statistics (3 cr.)
   MAT 221 Calculus I (3 cr.) or
   MAT 104 Trigonometry (1 cr.) and
   MAT 224 Calculus I (4 cr.)

D. ELECTIVES  38-47

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS  minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A grade of C or better in CSC 121 and CSC 221.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).

CENTER FOR EARTH AND ENVIRONMENTAL SCIENCE

SUNY Distinguished Service Professor:  J. Dawson, SUNY Distinguished Teaching Professors:  D. Franz, M. Roden-Tice
Professors:  R. Fuller, T. Mihuc, T. Wolosz
Associate Professors:  D. Garneau, C. Gervich, L. McIlroy, E. Romanowicz (director)
Assistant Professors:  E. Leibensperger, L. Xie
Lecturers:  D. Milz, J. Puhalla
Research Associate:  E. Allen
Adjunct Faculty: Two positions

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

Special features of the Center for Earth and Environmental Science include the Applied Environmental Science Program at the W.H. Miner Agricultural Research Institute; the Lake Champlain Research Institute with a lake research vessel; Remote Sensing Lab; Geographic Information Systems Lab; Fission Track Analysis Lab; Ecosystem Studies Field Lab; plus numerous scholarship, internship, and undergraduate research opportunities.

CEES faculty host the Earth and Environmental Science Club, the Geology Club, the Environmental Action Committee, and an electronic student journal Scientia Discipulorum.

The Center for Earth and Environmental Science offers 9 major programs, including study options within degree programs. In environmental science, there are three major programs. The B.A. in environmental science is the most versatile option, featuring suites of advanced electives in
biological, physical, human, and technical areas. These students choose jobs in environmental consulting, work at parks and nature preserves, or become involved with law and policy-making. The B.S. in environmental science emphasizes electives in systems science, such as ecosystem processes, modeling, environmental chemistry, and hydrogeology. Many students from this option are focused on a science or engineering graduate degree, environmental technician jobs, work with state and federal agencies, or environmental consulting roles. The B.A. in environmental science study option in environmental planning and management is of special interest because it emphasizes human dimensions in managing natural resources as well as technical skills in mapping science and geographic information systems (GIS). Students work on a regional scale and are often employed with city, county, and state governments or consulting firms.

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

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

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

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

**ECOLOGY MAJOR**

**Bachelor of Science**

**Curriculum 0293 Requirements**

**A. GENERAL EDUCATION REQUIREMENTS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>33-34</td>
</tr>
</tbody>
</table>

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

**B. MAJOR DEPARTMENTAL REQUIREMENTS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Required Courses: (27-28 cr.)</td>
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</tr>
<tr>
<td>a. BIO 101 General Biology I (4 cr.)</td>
<td></td>
</tr>
<tr>
<td>b. BIO 102 General Biology II (4 cr.)</td>
<td></td>
</tr>
<tr>
<td>c. BIO 205 Introduction to Botany (3 cr.) or BIO 209 Vertebrate Zoology (3 cr.) or BIO 323 Invertebrate Zoology (3 cr.)</td>
<td></td>
</tr>
<tr>
<td>d. BIO 208 Evolution (3 cr.) or BIO 305 Genetics (4 cr.)</td>
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<tr>
<td>e. ENV 304 Ecology (4 cr.)</td>
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</tr>
<tr>
<td>f. ENV 333 Biostatistics (3 cr.) or MAT 161 Introduction to Statistics (3 cr.)</td>
<td></td>
</tr>
<tr>
<td>g. ENV 436 Population and Community Ecology (3 cr.) or ENV 462 Ecosystem Ecology* (3 cr.)</td>
<td></td>
</tr>
<tr>
<td>h. ENV 340 Seminar in Environmental Science (AWR) (3 cr.) or BIO 380 Communicating Biology (3 cr.)</td>
<td></td>
</tr>
<tr>
<td>2. Advanced Ecology: (15-20 cr.)</td>
<td></td>
</tr>
<tr>
<td>a. Organismal/Population/Community Ecology (6-8 cr.)</td>
<td></td>
</tr>
<tr>
<td>i. BIO 310 Plant Diversity and Evolution (4 cr.)</td>
<td></td>
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<tr>
<td>ii. BIO 329 Animal Behavior (3 cr.)</td>
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<tr>
<td>iii. BIO 345 Field Botany (3 cr.)</td>
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<td>iv. BIO 481 Conservation Biology (3 cr.)</td>
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<tr>
<td>v. ENV 332 Plant Ecology (3 cr.)</td>
<td></td>
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<tr>
<td>vi. ENV 337 Field Ecology (3 cr.)</td>
<td></td>
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<tr>
<td>vii. ENV 430 Wildlife Ecology and Management (4 cr.)</td>
<td></td>
</tr>
<tr>
<td>viii. ENV 436 Population and Community Ecology* (3 cr.)</td>
<td></td>
</tr>
<tr>
<td>b. Ecosystems Ecology (6-8 cr.)</td>
<td></td>
</tr>
<tr>
<td>i. ENV 329 Environmental Management (3 cr.)</td>
<td></td>
</tr>
<tr>
<td>ii. ENV 338 Forest Ecology and Management (4 cr.)</td>
<td></td>
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<tr>
<td>iii. ENV 370 Introduction to Soil Science (4 cr.)</td>
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<tr>
<td>iv. ENV 431 Freshwater Ecology (4 cr.)</td>
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<tr>
<td>v. ENV 433 River Ecology (3 cr.)</td>
<td></td>
</tr>
<tr>
<td>vi. ENV 439 Wetlands Ecology and Management (3 cr.)</td>
<td></td>
</tr>
<tr>
<td>vii. ENV 462 Ecosystem Ecology* (3 cr.)</td>
<td></td>
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<tr>
<td>c. Ecology Electives (3-4 cr.)</td>
<td></td>
</tr>
<tr>
<td>Any course from the Organismal or Ecosystem categories above (3-4 cr.) or ENV 480 Advanced Topics in Ecology (3 cr.)</td>
<td></td>
</tr>
</tbody>
</table>

**3. Elective Courses in Area of Specialization: (6-8 cr.)**

- BIO — any 300 level course or higher
- CHE — any 200 level course or higher
- GEL — any 300 level course or higher
- ENV — any 300 level course or higher
C. COGNATE REQUIREMENTS 18-25

1. CHE 111  Fundamental Principles of Chemistry I (4 cr.)
2. CHE 112  Fundamental Principles of Chemistry II (4 cr.)
3. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101  Elementary College Math or equivalent (0-3 cr.)
   MAT 102  Precalculus or Calculus Readiness Test (0-3 cr.)
4. MAT 221  Calculus for Life, Management, and Social Sciences I (3 cr.)
5. Select two of the following: (7-8 cr.)
   GEL 101  Physical Geology (4 cr.)
   MAT 222  Calculus for the Life, Management, and Social Sciences II (3 cr.)
   PHY 103  Physics for Life Sciences (4 cr.)

NOTE: *Either ENV 436 or ENV 462 used to satisfy the Required Courses category (B1) above, may not be used again to satisfy Advanced Ecology (B2). Any course used in Category 1 or 2 cannot be used to satisfy category 3.

D. ELECTIVES 5-21

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

ENVIRONMENTAL SCIENCE MAJOR

Bachelor of Arts
Curriculum 0363 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 43-50

1. Core Courses: (16-17 cr.)
   a. ENV 201  Environment and Society (3 cr.)
   b. ENV 206  Environmental Technology I (3 cr.) or CHE 308  Environmental Chemistry (3 cr.)
   c. ENV 304  Ecology (4 cr.)
   d. ENV 340  Environmental Science Seminar (AWR) (3 cr.) or
      GEG 432  Environmental Governance (3 cr.)
   e. One course from the following:
      GEL 341  Geomorphic Processes (4 cr.)
      ENV 306  Atmospheric Processes (3 cr.)
      GEL 343  Hydrology (4 cr.)
      ENV 307  Soil Processes (3 cr.)

2. Natural Sciences: (9-12 cr.)
   Complete one course each from groups A, B and C.
   Group A. Ecological Science
      BIO 481  Conservation Biology (3 cr.)
      ENV 337  Field Ecology (3 cr.)
      ENV 430  Wildlife Ecology and Management (4 cr.)
      ENV 431  Freshwater Ecology (4 cr.)
      ENV 432  Forest Ecology and Management (4 cr.)
      ENV 433  River Ecology (4 cr.)
      ENV 439  Wetlands Ecology and Management (3 cr.)
   Group B. Chemical environment (may not be used to satisfy group 1.b.)
      CHE 308  Environmental Chemistry (3 cr.)
      ENV 206  Environmental Technology I (3 cr.)
      ENV 356  Environmental Technology II (3 cr.)
      ENV 411  Water Quality Modeling (4 cr.)
      ENV 370  Introduction to Soil Science (4 cr.)
      GEL 307/CHE 307  Geochemistry (3 cr.)
   Group C. Geological Environmental (may not be used to satisfy group 1.e.)
      ENV 306  Atmospheric Processes (3 cr.)
      GEL 305  Energy and Mineral Resources (3 cr.)
      GEL 324  Sedimentology (4 cr.)
      GEL 341  Geomorphic Processes (4 cr.)
      GEL 343  Hydrology (4 cr.)
      GEL 346  Environmental Geotechnology (4 cr.)
      GEL 441  Hydrogeology (3 cr.)

3. Environment and Society: (9 cr.)
   Complete one course from group A, one course from group B and one course from groups A, B or C.
   Group A. Governance, Policy & Planning
      ENV 310  Environmental Planning (3 cr.)
      ENV 329  Environmental Management (3 cr.)
      ENV 417  Environmental Impact Assessment (3 cr.)
      ENV 421  Environmental Law and Policy (3 cr.)
      GEG 301  Global Planning Principles (3 cr.)
      GEG 307  Urban Geography & Planning (3 cr.)
   Group B. Sustainability, Justice and Ethics
      ENV 364  Ecological Economics (3 cr.)
      ENV 481  Sustainability (3 cr.)
      GEG 303  Environmental Conservation (3 cr.)
      GEG 332  Environmental Justice (3 cr.)
      PHI 350  Environmental Ethics (3 cr.)
      SOC 367  Sociology of the Environment (3 cr.)
   Group C. Environment & Society Electives
      ENV 440  Agriculture and the Environment (3 cr.)
      GEG 431  Recreational Land Use Planning (3 cr.)
      HIS 342  History of Ecology and Environmentalism (3 cr.)
      INT 301  Political Economy of Sustainable Development (3 cr.)
      INT 365  Poverty, Disease & the Environment (3 cr.)
      SCI 207  Organic Farming (3 cr.)
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

4. Electives: (9-12 cr.)
   Any courses from Category 2 or 3 or any 300/400 level ENV courses including internships, senior projects or independent study or any of the following:
   - ENV 333 Biostatistics (3 cr.)
   - ENV 350 Intro. Geographic Information Systems and Mapping (3 cr.)
   - ENV 355 Remote Sensing (3 cr.)
   - ENV 419 GIS Applications (3 cr.)
   - GEG 340 Computer Applications in Geography (3 cr.)

C. COGNATE REQUIREMENTS 28-38

1. GEL 101 Physical Geology (4 cr.)
2. BIO 102 General Biology II (4 cr.)
3. PHY 103 Physics for the Life Sciences I (4 cr.) or PHY 111 General Physics (4 cr.)
4. Complete one of the following:
   a. BIO 101 General Biology I (4 cr.) and CHE 101 General Chemistry (4 cr.)
   b. CHE 111 Fund. Principles of Chemistry I (4 cr.) and CHE 112 Fund. Principles of Chemistry II (4 cr.)
5. Mathematics Prerequisite/Placement (0-6 cr.)
   - MAT 101 Elementary College Math or equivalent (0-3 cr.)
   - MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
6. Complete one of the following:
   a. MAT 104 Trigonometry (1 cr.) and MAT 228 Applied Calculus (4 cr.) and MAT 221 Calculus for Life, Management and Social Sciences I (3 cr.) and MAT 222 Calculus for Life, Management and Social Sciences II (3 cr.)
   b. MAT 104 Trigonometry (1 cr.) and MAT 224 Calculus I (4 cr.) and MAT 225 Calculus II (4 cr.)
7. Complete one of the following:
   - GEG 121 Human Geography (3 cr.) or SOC 101 Introduction to Sociology (3 cr.)
   - ENV 332 Plant Ecology (3 cr.)*
   - ENV 337 Field Ecology (3 cr.)*
   - ENV 356 Environmental Technology II (3 cr.)
   - ENV 347 Instrumentation and Water Quality Analysis (3 cr.)*
   - ENV 350 Introduction to Geographic Information Systems (3 cr.)
   - ENV 340 Environmental Science Seminar (AWR) (3 cr.)
   - ENV 350 Introduction to Geographic Information Systems (3 cr.)
   - ENV 350 Introduction to Geographic Information Systems (3 cr.)
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   - ENV 350 Introduction to Geographic Information Systems (3 cr.)

D. ELECTIVES 0-16

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

ENVIRONMENTAL SCIENCE MAJOR
Bachelor of Science
Curriculum 0366 Requirements

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 41-48

1. Core Requirements: (20 cr.)
   a. ENV 201 Environment and Society (3 cr.)
   b. ENV 206 Environmental Technology I (3 cr.)
   c. ENV 304 Ecology (4 cr.)
   d. ENV 340 Environmental Science Seminar (AWR) (3 cr.)
   e. ENV 350 Introduction to Geographic Information Systems (3 cr.)
   f. GEL 341 Geomorphology (4 cr.)

2. Natural Systems: (21-27 cr.)
   a. **Ecological Processes**
      Select one of the following courses: (3-4 cr.)
      - BIO 481 Conservation Biology (3 cr.)
      - ENV 332 Plant Ecology (3 cr.)*
      - ENV 337 Field Ecology (3 cr.)*
      - ENV 407 Restoration Ecology (3 cr.)
      - ENV 430 Wildlife Ecology and Management (4 cr.)*
      - ENV 332 Plant Ecology (3 cr.)*
      - ENV 337 Field Ecology (3 cr.)*
      - ENV 407 Restoration Ecology (3 cr.)
      - ENV 430 Wildlife Ecology and Management (4 cr.)*
      - ENV 431 Freshwater Ecology (4 cr.)*
      - ENV 433 River Ecology (4 cr.)*
      - ENV 436 Population and Community Ecology (3 cr.)
      - ENV 439 Wetlands Ecology and Management (3 cr.)
      - ENV 444 Fisheries Ecology and Management (3 cr.)
      - ENV 462 Ecosystems Ecology (3 cr.)
      - ENV 468 Insect Ecology and Evolution (3 cr.)
      - ENV 480 Advanced Topics in Ecology (3 cr.)
   b. **Chemical Processes**
      Select one of the following courses: (3-4 cr.)
      - CHE 241 Organic Chemistry I (4 cr.)* or CHE 271 Biochemistry (4 cr.)*
      - CHE 307 Geochemistry (3 cr.) or GEL 307 Geochemistry (3 cr.)
      - CHE 308 Environmental Chemistry (3 cr.)* or ENV 347 Instrumentation and Water Quality Analysis (3 cr.)*
      - ENV 356 Environmental Technology II (3 cr.)
      - ENV 411 Water Quality Modeling (4 cr.)*
   c. **Physical Processes**
      Select one of the following courses: (3-4 cr.)
      - ENV 306 Atmospheric Processes (3 cr.) or GEL 306 Atmospheric Processes (3 cr.)
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

ENV 370   Soil Science (4 cr.)*
ENV 406   Climate Change Science (3 cr.)
GEL 305   Energy and Mineral Resources (3 cr.)
GEL 343   Hydrology (4 cr.)*
GEL 346   Environmental Geotechnology (4 cr.)*
GEL 391   Physical Oceanography and Limnology (3 cr.)
GEL 441   Hydrogeology (3 cr.)

d. Environmental Applications and Technical Skills
Select one of the following courses: (3 cr.)
ENV 310   Environmental Planning (3 cr.)
ENV 329   Environmental Management (3 cr.)
ENV 333   Biostatistics (3 cr.)
ENV 355   Remote Sensing (3 cr.)
ENV 417   Environmental Impact Assessment (3 cr.)
ENV 419   Geographic Information Systems Applications (3 cr.)
ENV 421   Environmental Law and Policy (3 cr.)
ENV 440   Agriculture and the Environment (3 cr.)
ENV 451   Advanced Topics in Geographic Information Systems (3 cr.)
ENV 455   Advanced Remote Sensing (3 cr.)*
ENV 481   Sustainability (3 cr.)

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

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

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 49-52

1. ENV 201   Environment and Society (3 cr.)
2. ENV 304   Ecology (4 cr.)
3. ENV 310   Environmental Planning (3 cr.)
4. ENV 329   Environmental Management (3 cr.)
5. ENV 340   Seminar in Environmental Science (AWR) (3 cr.)
6. ENV 350   Intro. to Geographic Information Systems (3 cr.)
7. ENV 417   Environmental Impact Assessment (3 cr.)
8. ENV 421   Environmental Law and Policy (3 cr.)
9. Sustainability Electives (take two courses)
   ECO 303   Environmental Economics (3 cr.)
   ENV 364   Ecological Economics (3 cr.)
   ENV 481   Sustainability (3 cr.)
   GEG 301   Global Planning Principles (3 cr.)
   GEG 303   Environmental Conservation (3 cr.)
   GEG 307   Urban Geography and Planning (3 cr.)
10. Environmental Resources Electives
    three courses, at least one from each group (9-12 cr.)
a. Ecological Resource Electives
   ENV 430   Wildlife Ecology and Management (3 cr.)
   ENV 431   Freshwater Ecology (4 cr.)
   ENV 432   Forest Ecology and Management (4 cr.)
   ENV 433   River Ecology (4 cr.)
ENV 439  Wetlands Ecology and Management (3 cr.)

b. Physical Resource Electives
   ENV 206  Environmental Technology (3 cr.)
   ENV 306  Atmospheric Processes (3 cr.) or
   GEL 306  Atmospheric Processes (3 cr.)
   ENV 370  Soil Science (4 cr.)
   GEL 305  Energy and Mineral Environments (3 cr.)
   GEL 341  Geomorphic Processes (4 cr.)
   GEL 343  Hydrology (4 cr.)
   GEL 346  Environmental Geotechnology (4 cr.)

11. Analytical Techniques Electives
   A minimum of six (6) credits from the following courses:
   ENV 355  Principles of Remote Sensing (3 cr.)
   ENV 419  Geographic Information Systems Applications (3 cr.)
   ENV 455  Advanced Remote Sensing (3 cr.)

12. ENV or GEL electives at the 300/400 level (3 cr.)

C. COGNATE REQUIREMENTS 18-24

   1. BIO 102  General Biology II (4 cr.)
   2. CHE 101  General Chemistry I (4 cr.)
   3. GEL 101  Physical Geology (4 cr.)
   4. Mathematics Prerequisite/Placement (0-6 cr.)
      MAT 101  Elementary College Math or equivalent (0-3 cr.)
      MAT 102  Precalculus or Calculus Readiness Test (0-3 cr.)
      MAT 131  Quantitative Reasoning in Basic Math (3 cr.) or
      MAT 221  Calculus of Life, Management, and Social Sciences (3 cr.)
   5. Select one course: (3 cr.)
      ENV 333  Biostatistic (3 cr.) or
      MAT 161  Introduction to Statistics (3 cr.)

D. ELECTIVES 10-20

   Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

INT 365  Poverty, Disease, and the Environment (3 cr.)
SOC 441  Sociology of Globalization (3 cr.)

e. Global Experience (12 cr.)
12 upper level credits of study abroad directed toward environmental studies, in consultation with an advisor. Courses may not be used to satisfy department requirements (Sec. A).

C. COGNATE REQUIREMENTS  4

BIO 102  General Biology (4 cr.)

D. ELECTIVES  37-39

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS  minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

GEOLOGY MAJOR
Bachelor of Science
Curriculum 0756 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS  33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS  45

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  Mineral/Optical Mineralogy (4 cr.)
e. GEL 323  Igneous and Metamorphic Petrology (4 cr.)
f. GEL 324  Sedimentology (4 cr.)
g. GEL 451  Field Geology and Structures (4 cr.)
h. GEL 440  Geology Seminar (AWR) (3 cr.)

2. Electives Courses from the following: (15 cr.)
ENV 350  Introduction to Geographic Info. Systems and Mapping (3 cr.)
ENV 355  Principles of Remote Sensing (3 cr.)
GEL 305  Energy and Mineral Resources (3 cr.)
GEL 306  Atmospheric Processes (3 cr.)
GEL 335  Extinction (3 cr.)
GEL 341  Geomorphic Processes (4 cr.)
GEL 343  Hydrology (4 cr.)
GEL 346  Environmental Geotechnology (4 cr.)
GEL 441  Hydrogeology (3 cr.)

C. COGNATE REQUIREMENTS  28-34

1. CHE 111  Fund. Principles of Chemistry I (4 cr.)
2. CHE 112  Fund. Principles of Chemistry II (4 cr.)
3. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101  Elementary college Math or equivalent (0-3 cr.)
   MAT 102  Precalculus or Calculus Readiness Test (0-3 cr.)
4. MAT 104  Trigonometry (1 cr.)
5. MAT 224  Calculus I (4 cr.)
6. MAT 225  Calculus II (4 cr.)
7. PHY 111  General Physics I (4 cr.)
8. PHY 112  General Physics II (4 cr.)
9. MAT 161  Introductory Statistics (3 cr.) or
   ENV 333  Biostatistics (3 cr.)

D. ELECTIVES  7-14

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS  minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

GEOLOGY MAJOR
Bachelor of Arts
Curriculum 0714 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS  33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS  39

1. GEL 101  Physical Geology (4 cr.)
2. GEL 102  Evolution of the Earth (4 cr.)
3. GEL 310  Mineralogy/Optical Mineralogy (4 cr.)
4. GEL 323  Igneous and Metamorphic Petrology (4 cr.)
5. GEL 324  Sedimentology (4 cr.)
6. GEL 440  Geology Seminar (AWR) (3 cr.)
7. Departmental Electives: (12 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 307  Geochemistry (3 cr.)
   GEL 335  Extinction (3 cr.)

SUNY PLATTSBURGH 2016 – 2017 UNDERGRADUATE AND GRADUATE CATALOG 97
GEL 341  Geomorphic Processes (4 cr.)
GEL 343  Hydrology (4 cr.)
GEL 346  Environmental Geology (4 cr.)
GEL 441  Hydrogeology (3 cr.)

C. COGNATE REQUIREMENTS  

1. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101  Elementary College Math or equivalent (0-3 cr.)
   MAT 102  Precalculus or Calculus Readiness Test (0-3 cr.)
2. MAT 104  Trigonometry (1 cr.)
3. MAT 161  Introductory Statistics (3 cr.) or
   ENV 333  Biostatistics (3 cr.)
4. MAT 228  Applied Calculus (4 cr.)
5. Complete one of the following groups:
   Group I
   CHE 101  Introduction to Chemistry (4 cr.) and
   PHY 103  Physics for the Life Sciences I (4 cr.)
   Group II
   CHE 111  Fund. Principles of Chemistry I (4 cr.) and
   CHE 112  Fund. Principles of Chemistry II (4 cr.)
6. MAT 103  Physics for the Life Sciences I (4 cr.)

D. ELECTIVES  21-28

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

GEOLOGY MAJOR
Bachelor of Arts
(Study Option in Earth Science)
Curriculum 0369 Requirements

A. GENERAL EDUCATION REQUIREMENTS  33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS  36-38

1. AST 101  Introduction to Astronomy (4 cr.)
2. GEL 101  Physical Geology (4 cr.)
3. GEL 102  Evolution of the Earth (4 cr.)
4. GEL 306  Atmospheric Processes (3 cr.)
5. GEL 310  Mineralogy/Optical Mineralogy (4 cr.)
6. GEL 323  Earth Materials II (4 cr.)
7. GEL 324  Sedimentology (4 cr.)
8. GEL 343  Hydrology (4 cr.) or
   GEL 391  Physical Oceanography and Limnology (3 cr.)
9. GEL 440  Geology Seminar (AWR) (3 cr.)
10. GEL Electives: (3-4 cr.)

C. COGNATE REQUIREMENTS  18-24

1. CHE 101  General Chemistry (4 cr.)
2. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101  Elementary College Math or equivalent (0-3 cr.)
   MAT 102  Precalculus or Calculus Readiness Test (0-3 cr.)
3. One of the following:
   MAT 131  Quantitative Reasoning in Basic Math (3 cr.) or
   MAT 221  Calculus for Life, Management, and Social Sciences I (3 cr.)
4. PHY 101  Introduction to Physics (4 cr.)
5. Biology with Laboratory (4 cr.)
6. MAT 161  Introductory Statistics (3 cr.)

D. ELECTIVES  24-33

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).
2. Departmental Electives: (9 cr.)
   Select at least one course from each category.
   Upper Division Environmental Chemistry
   CHE 240 Fund. of Organic Chemistry (5 cr.)
   CHE 308 Environmental Chemistry (3 cr.)
   ENV 360 Environmental Engineering (3 cr.)
   ENV 370 Introduction to Soil Science (4 cr.)
   ENV 413 Biogeochemical Cycling (3 cr.)
   GEL 307 Geochemistry (3 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.)

C. COGNATE REQUIREMENTS 21-30

1. CHE 111 Fundamentals of Chemistry I (4 cr.)
2. CHE 112 Fundamentals of Chemistry II (4 cr.)
3. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101 Elementary college Math or equivalent (0-3 cr.)
   MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
4. MAT 161 Introductory Statistics (3 cr.) or
   ENV 333 Biostatistics (3 cr.)
5. MAT 221 Calculus for Life, Management, and Social Sciences I (3 cr.) or
   MAT 104 Trigonometry (1 cr.) and
   MAT 224 Calculus I (4 cr.)
6. MAT 222 Calculus for Life, Management, and Social Sciences II (3 cr.) or
   MAT 225 Calculus II (4 cr.)
7. PHY 101 Introduction to Physics (4 cr.)

D. ELECTIVES 11-22

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

ENGINEERING OPTIONS

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

CRIMINAL JUSTICE DEPARTMENT

Chairperson: W. Gordon
Professor: M. Ciobanu
Associate Professors: Z. Gul, W. Peters
Assistant Professors: M. Beaulieu, C. Dunton, S. Park, B. Willingham
Adjunct Faculty: Four positions

The major is a study of a social scientific approach to crime and justice. Its subject matter includes social problems such as crime, delinquency, and violence; how our laws and rights apply to individuals; and the legal foundations and theoretical premises of our justice system and its role in society. The curriculum leads to the B.A. in Criminal Justice. All students complete the core curriculum and three areas of focus within the major: organization and public administration, crime and social structure, and substantive area of the crime problem. The program provides a liberal arts approach to learning across diverse fields such as criminology, political science, psychology, and sociology. You will build on those courses with more specific course work in law, the courts, corrections, juvenile justice, international law, and transnational crimes, among other areas. The department 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 in criminal justice, including students considering law school or graduate school. The Criminal Justice major offers valuable preparation for many different careers in social services, criminal justice, public administration, business, law, and public health. Some students pursue graduate study and eventually enter careers in teaching and research. Students with junior standing may pursue the B.A. in the Criminal Justice program at SUNY Plattsburgh's Branch Campus at Queensbury or our extension site at Hudson Valley Community College. For more information on the Branch Campus, see Branch Campus in the Regional, Local, and Campus Overview section of this catalog.
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

CRIMINAL JUSTICE MAJOR
Bachelor of Arts
Curriculum 0747*, 0252***, and 0254**
Requirements

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<td>1. Lower Division Core: (9 cr.)</td>
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<td>a. CRI 250 Criminology and the Criminal Justice System (3 cr.)</td>
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<td>b. CRI 251 Criminal Law (3 cr.)</td>
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<td>c. SOC 101 Introduction to Sociology (3 cr.)</td>
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<td>2. Upper Division Core: (15 cr.)</td>
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<td>a. CRI 405 Selected Issues in Criminal Justice (AWR) (3 cr.)</td>
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<td>b. CRI 450 Ethics in Criminal Justice (3 cr.)</td>
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<td>c. Core Topics, select 2 (6 cr.)</td>
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<td>CRI 353 Punishment and Society (3 cr.)</td>
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<td>CRI 357 Courts and Criminal Procedures (3 cr.)</td>
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<td>CRI 360 Minorities and Crime (3 cr.)</td>
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<td>CRI 362 Women and the Criminal Justice System (3 cr.)</td>
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<td>CRI 364 Victimization (3 cr.)</td>
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<td>SOC 321 Sociology of Race and Ethnicity (3 cr.)</td>
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<td>SOC 342 Political Sociology (3 cr.)</td>
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<td>SOC 430 Social Stratification (3 cr.)</td>
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<td>c. Substantive Area of the Crime Problem</td>
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<td>Select one course: (3 cr.)</td>
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<td>CRI 352 White Collar Crime (3 cr.)</td>
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<td>CRI 356 Organized Crime (3 cr.)</td>
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<td>CRI 359 Human Rights and Justice (3 cr.)</td>
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<td>CRI 362 Women and the Criminal Justice System (3 cr.)</td>
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<td>CRI 370 Juvenile Delinquency (3 cr.)</td>
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<td>CRI 380 The War on Drugs (3 cr.)</td>
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<td>SOC 307 Social Problems and Social Policy (3 cr.)</td>
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<td>4. Electives: (15 cr., any combination)</td>
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<td>CRI 253 Community Corrections (3 cr.)</td>
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<td>CRI 270 Criminal Investigation (3 cr.)</td>
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<td>CRI 380 The War on Drugs (3 cr.)</td>
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<td>CRI 382 Comparative Criminology (3 cr.)</td>
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<td>CRI 384 Terrorism (3 cr.)</td>
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<td>CRI 393 Topics in Criminal Justice (3 cr.)</td>
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<td>CRI 490 Study Abroad in Comparative Criminology (3-9 cr.)</td>
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<td>CRI 497 Applied Criminal Justice Seminar (3 cr.)</td>
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<td>CRI 498 Applied Criminal Justice Internship (3 cr.)</td>
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<td>CRI 499 Independent Study (1 to 15 cr.)</td>
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<td>PSC 380 Public Policy and Administration (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>PSY 311 Survey of Human Dev. (3 cr.)</td>
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<td>PSY 340 Personality (3 cr.)</td>
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<td>PSY 443 Abnormal &amp; Deviant Behavior (3 cr.)</td>
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<td>PSY 445 Counseling Psychology (3 cr.)</td>
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<td>PSY 462 Industrial and Organizational Psychology (3 cr.)</td>
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<td>SOC 307 Social Problems and Social Policy (3 cr.)</td>
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<td>SOC 430 Social Stratification (3 cr.)</td>
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<td>C. COGNATE REQUIREMENTS</td>
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<td>1. MAT 161 Introductory Statistics (3 cr.)</td>
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<td>2. PSC 100 U.S. National Politics (3 cr.)</td>
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<td>3. PSY 101 General Psychology (3 cr.)</td>
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<td>D. ELECTIVES</td>
<td>29-30</td>
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<td>Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.</td>
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<td>TOTAL CREDITS</td>
<td>minimum 120</td>
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ADDITIONAL DEGREE REQUIREMENTS
1. A 2.3 cumulative GPA is required for transfer students to be admitted into the Criminal Justice major and for current students to declare the Criminal Justice major.
2. A minimum grade of C or better is required in SOC 101, CRI 250, and CRI 405.
3. A minimum overall GPA of 2.3 in all required major courses (Category B).
4. Completion of all college-wide degree requirements (Pages 58-60).

*Main campus only.
**Curriculum code for students taking most courses at
ENGLISH DEPARTMENT

SUNY Distinguished Professor: A. Levitin
SUNY Distinguished Teaching Professor: T. Morrissey
Professors: A. Battigelli, T. Church-Guzzio, J. Torres-Padilla
Associate Professors: G. Babb (chairperson), J. Chatlos, T. Friedrich, P. Johnston, C. Lipszyc, E. Ostry
Assistant Professors: E. Cohen, M. Devine, L. Kiefer, K. Moses
Lecturers: M. Gottschall, M. Griffith
Adjunct Faculty: Twelve positions

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

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

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

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

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 48

Departmental Requirements: (21 cr.)
1. ENG 195 Fundamentals of Literary Study I: The Literary Text (3 cr.)
   (Transfer students and students changing their major to English: Writing Arts 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 365 Rhetoric and Writing Arts (3 cr.)
4. Two from the following (6 cr.):
   ENG 326 Modern Short Story (3 cr.)
   ENG 389 Major Writers and Their Craft (3 cr.)
   ENG 443 Seminar in Contem. Literature (3 cr.)
5. One of the following (3 cr.):
   ENG 250 History of Western World Literature I (3 cr.)
   ENG 295 Ancient Myth and Modern Mythmaking (3 cr.)
6. ENG 364 Shakespeare (3 cr.)

Writing Requirements: (18 cr.)
1. One course from the following (3 cr.):
   ENG 201 Creative Writing (3 cr.)
   ENG 208 Intro. to Writing Poetry (3 cr.)
   ENG 209 Intro. to Writing Fiction (3 cr.)
2. Five courses from the following (15 cr.):
   At least one course must be an AWR course, and no more than three credits can be JOU courses.
   ENG 301 Expository Writing (AWR) (3 cr.)
   ENG 302 Writing Poetry (AWR) (3 cr.)
   ENG 303 Writing Fiction (AWR) (3 cr.)
   ENG 304 Professional Writing (3 cr.)
   ENG 306 Topics in Writing (3 cr.)
   ENG 318 Playwriting (AWR) (3 cr.)
   ENG 330 Flash Fiction (3 cr.)
   ENG 333 Writing Creative Nonfiction (AWR) (3 cr.)
   ENG 366 New Media (3 cr.)
   ENG 369 Autobiography Writing/Memoir (3 cr.)
   ENG 406 Advanced Poetry Writing (3 cr.)
   ENG 407 Advanced Fiction Writing (3 cr.)
   JOU 307 Opinion and Review (3 cr.)
   JOU 320 Literary Journalism (3 cr.)
   JOU 403 Magazine Practicum (1-2 cr.)
   (may be taken more than once)

Practicum: (3 cr.)
   Three credits from the following:
   ENG 398 Internship: Saranac Review (1-2 cr.)
   ENG 408 Literary Magazine Workshop (3 cr.)
   JOU 403 Magazine Practicum (1-2 cr.)
   (may be taken more than once)

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

C. ELECTIVES 38-39

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).
ENGLISH: LITERATURE MAJOR  
Bachelor of Arts or Bachelor of Science  
Curriculum 0239 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS  33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS  39

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

Literature Requirements: (24 cr.)
1. Upper-level (300/400) Literature Electives (18 cr.):
   a. Pre-1900 American literature, pre-1789 British literature, or pre-1500 world literature (9 cr.)
   b. Post-1900 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.)

C. ELECTIVES  47-48

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

ENGLISH: LANGUAGE ARTS MAJOR  
Bachelor of Arts or Bachelor of Science  
Curriculum 0240 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS  33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS  48

1. ENG 101 College Writing II (3 cr.)
2. ENG 163 Introduction to Film & Literature (3 cr.)
3. ENG 195 Fundamentals of Literary Study I: The Literary Text (3 cr.)
4. ENG 196 Fundamentals of Literary Study II: Trends and Movements (3 cr.)
5. ENG 297 Fundamentals of English Language Arts (3 cr.)
6. ENG 305 Teaching Writing to Adolescents (3 cr.)
7. ENG 364 Shakespeare (3 cr.)
8. ENG 375 Literature for the Classroom Teacher (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 208 Intro. to Writing Poetry (3 cr.)
       ENG 209 Intro. to Writing Fiction (3 cr.)
       ENG 306 Topics in Writing (3 cr.)
       ENG 330 Flash Fiction (3 cr.)
       ENG 333 Writing Creative Non-Fiction (3 cr.)
       ENG 366 New Media (3 cr.)
       ENG 368 Grammar for Writing (3 cr.)
       ENG 390 Training for Writing Tutors (3 cr.)
11. Literature Requirement from the following (15 cr.):
    Choose one of the following:
    a. ENG 461 Young Adult Literature (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 (3 cr. of any upper-level literature courses)

C. COGNATE REQUIREMENTS  1

LIB 200 Critical Research Skills (1 cr.)
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

D. ELECTIVES 38-39

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

GENDER AND WOMEN’S STUDIES DEPARTMENT

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

Gender and Women’s Studies broadens students’ knowledge and awareness of gender dynamics. In our interdisciplinary courses, students learn about feminism as a powerful analytical framework. They examine how social and cultural institutions have historically treated men and women differently and how these differences reinforced the economic, social, and political disadvantage of women. We treat gender as a socially constructed category and the issues we address in our courses provide students with tools to critically examine their own identity, social location, and relationships. We pay particular attention to issues of power, privilege, and structured inequalities by learning how gender intersects with other differences, including, but not limited to, those based on race, class, sexual orientation, age, ability, religion and culture. We also consider inspiring accounts of activism and struggles for gender equality and social justice across cultures and contexts, both locally and globally. Our curriculum is comprised of several required courses for majors and minors, Gender and Women’s Studies electives, as well as electives taught in other departments. Students choose a major in Gender and Women’s Studies, or a minor in Gender and Women’s Studies paired with a major in another field. Although it is not required, many of our majors chose a minor or major in another field. In addition to pursuing their coursework, students are encouraged to participate in student organizations and to attend our forums and special events. We nurture our students and seek to enhance their personal and intellectual journeys through close mentoring, regular advising, internships, independent studies, teaching assistantships, and unique study abroad opportunities. Many of our graduates choose to pursue advanced degrees in Gender and Women’s Studies or related fields. Others find careers in politics, international organizations, community leadership, education, social work, health care, business and the arts.

GENDER AND WOMEN’S STUDIES MAJOR

Bachelor of Arts
Curriculum 0494 Requirements

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 36

Gender and Women’s Studies Core: (12 cr.)
- GWS 101 Introduction to Gender and Women’s Studies (3 cr.)
- GWS 301 Global Gender Issues (3 cr.)
- GWS 302 Feminist Theory (3 cr.)
- GWS 455 Feminist Studies: Integration and Application (3 cr.)

Electives in Gender and Women’s Studies or other departments: (24 cr.)
- GWS Courses:
  - GWS 104 Sexuality, Power and Relationships (1 cr.)
  - GWS 200 Topics in Women’s Studies (1-3 cr.)
  - GWS 219 Gender, Sexuality and Popular Culture (3 cr.)
  - GWS 240 Gender and Sexuality in Hispanic Film (3 cr.)
  - GWS 300 Advanced Topics in Women’s Studies (1-3 cr.)
  - GWS 310 Women in Afghanistan (3 cr.)
  - GWS 315 Women and the Law (3 cr.)
  - GWS 340 Gender and Religion (3 cr.)
  - GWS 345 Gendered Violence and Peer Education (3 cr.)
  - GWS 348 Gender and Human Rights (3 cr.)
  - GWS 350 Gender and Science (3 cr.)
  - GWS 360 Lesbian, Gay, Bisexual, Transgender and Queer (LGBTQ) Studies (3 cr.)
  - GWS 375 Gender and Education (3 cr.)
  - GWS 380 Men and Masculinities (3 cr.)
  - GWS 385 Women, Gender, and Sexuality in India (3 cr.)
  - GWS 386 Transnational Queer Film (3 cr.)
  - GWS 390 Gender, Sexuality, and Politics in the Middle East (3 cr.)
  - GWS 445 Gendered Violence Prevention and Intervention: Advanced Training (3 cr.)
  - GWS 480 Perspectives on Feminist Travel (3 cr.)
  - GWS 496 Teaching Internship in Gender and Women’s Studies (3 cr.)
  - GWS 498 Internship (1-12 cr.)
  - GWS 499 Independent Study (1-15 cr.)

Courses in other departments:
- ANT 303 Sexuality and Culture (3 cr.)
- ART 274 Women in Art (3 cr.)
- ENG 371 Modern American Women Writers (3 cr.)
HIS 303   History of the American Woman (3 cr.)
HIS 309   History of the American Family (3 cr.)
HIS 331   Gender and U.S. Popular Culture (3 cr.)
HIS 355   Gender and Migration in the World (3 cr.)
HIS 367   Gender and Race in the History of Medicine in the United States (3 cr.)
HIS 370   History of Canadian Women (3 cr.)
HIS 377   Women and Autobiography (3 cr.)
HIS 381   Women in East Asian History (3 cr.)
MGM 434   Gender and Management: Issues (3 cr.)
PSC 348   Gender Politics (3 cr.)
PSY 460   Psychology of Women (3 cr.)
SOC 305   Sociology of Women (3 cr.)

C. ELECTIVES 50-51

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

HISTORY DEPARTMENT

Professors: V. Carey, W. Gordon, J. Hornibrook, G. Kroll (chairperson), J. Lindgren, J. Neuhaus, M. Richard
Associate Professors: S. Beaudreau, R. Schaefer, C. Shemo
Assistant Professor: R. Alexander

The History Department strives through engaged teaching, professional modeling, and conscientious mentoring to prepare students for professional success utilizing historical knowledge and skills in problem solving, critical thinking, and communication. Students with undergraduate degrees in history work as lawyers, paralegals, congressional aides, lobbyists, foreign service officers, publishers, librarians, archivists, and in a wide range of public and private sector jobs. The History Department offers two tracks: a traditional liberal arts curriculum (0710) and a study option in teaching preparation (0194) that includes all the undergraduate coursework required by New York state for teaching social studies and prepares students for admission to a graduate teacher education program. Study option students are introduced to a variety of social studies disciplines associated with the study of history, such as geography, government, and anthropology, as well as an array of history courses through which they can craft a teaching specialty in American, European, or global studies. In addition to studying the theory and practice of history alongside traditional history majors, prospective teachers complete junior and senior seminars devoted to social studies teaching methods.

HISTORY MAJOR

Bachelor of Arts or Bachelor of Science Curriculum 0710 Requirements

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 36-39

1. Introductory Courses at the 100 level: (12 cr.)
   a. Select one course (3 cr.):
      HIS 101  U.S. Civilization to 1877 (3 cr.)
      HIS 102  U.S. Civilization Since 1877 (3 cr.)
   b. Select one course (3 cr.):
      HIS 121  European Civilization to 1815 (3 cr.)
      HIS 122  European Civilization Since 1815 (3 cr.)
   c. Two introductory survey courses (each in a different region) from: Asia, Canada, Latin America, Mid-East/North Africa, Russia, Sub-Saharan Africa, or Global (6 cr.)

2. Core Courses: (9-12 cr.)
   a. HIS 285  Historical Practices (3 cr.)
   b. HIS 385  Advanced Historical Practices (AWR) (3 cr.)
   c. Select one of the following options:
      HIS 485  Topic: Senior Project (3 cr.) or
      HIS 490  Honors Project I (3 cr.) and
      HIS 491  Honors Project II (3 cr.)

3. Advanced history courses at the 300/400 level (15 cr.)
   A maximum of three credits of HIS 498 allowed unless approved by department chair.
C. COGNATE REQUIREMENTS 12

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

D. ELECTIVES 35-39

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. All courses satisfying requirements for the major must be completed at a grade of C (2.0) or better.
2. At least 12 credits of the Cognate Requirements must be courses that are not taken to satisfy the Departmental Requirements.
3. A minimum overall GPA of 2.0 in all required major courses (Category B).
4. Completion of all college-wide degree requirements (Pages 58-60).

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

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 42

1. Survey courses at 100 level: (18 cr.)
   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.)
   e. HIS 122  European Civilization Since 1815 (3 cr.)
   f. Two of the following:
      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 (3 cr.)
      HIS 181  East Asian Civilization (3 cr.)
   g. Other 100-level History Survey courses by advisement (3-6 cr.)

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

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

C. COGNATE REQUIREMENTS 39-48

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 224  World Regional Geography (3 cr.)
      GEG 310  Geography of the U.S. in Global Perspective (3 cr.)
      GEG 319  Geography of New York State (3 cr.)
   d. Social Sciences (9 cr.)
      Select three of the following:
      ANT 102  Comparative Cultures (3 cr.)
      ECO 101  Principles of Economics (3 cr.)
      PSY 101  Introduction to Psychology (3 cr.)
      SOC 101  Introduction to Sociology (3 cr.)

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

3. Language Requirement: (3-6 cr.)
   Students must complete a Modern Languages course at the 112 level or higher to meet this requirement.

D. ELECTIVES 0-6

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

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 or better. Progress in the degree program requires an overall GPA of 2.5.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).
INDIVIDUALIZED STUDIES PROGRAM

Coordinator: K. Lavoie

Individualized Studies 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 SUNY Plattsburgh. This degree allows students to create their own major program with the help of a faculty advisor. A Bachelor of Arts degree must include a minimum of 90 credit hours in liberal arts courses; a Bachelor of Science degree must include a minimum of 60 credit hours in liberal arts courses. Both options require completion of SUNY Plattsburgh’s General Education Program, 42 credits of courses at the 300-400 level, and 120 total credits. Both options require from one to three credits of intensive writing through the INT 402 course, in addition to completion of an Advanced Writing course in a minor or concentration (or ENG 301 or other approved AWR course).

Approval Process
1. Students requesting this major will meet with the Individualized Studies Program Coordinator to determine if option 1 or 2 would best meet their needs and to obtain proposal forms.
2. Option 1: Contractual Studies. The student will work with a faculty advisor to develop a program including a capstone experience. The Individualized Studies Committee must approve the program. The student should enroll in the major before the end of the junior year.
3. Option 2: General Studies. The student will work with a faculty advisor to develop a program. The dean of the division overseeing the majority of the courses must approve the program. The student can enroll in General Studies at any point in their studies.

For more information, contact the Office of the Dean, Faculty of Arts & Sciences, Ward 101, 518-564-3150.

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

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 37-81

In consultation with an academic advisor, students select minor, concentration(s), and/or focus areas from any undergraduate program of study at SUNY Plattsburgh. A minor is an approved program of study and completion of a minor is noted on the transcript. A concentration is a minimum of 18 credits in one discipline (courses with the same prefix). A focus area requires completion of courses with the same prefix, or related prefixes. Students are encouraged to pursue a focus area in depth, and to integrate focus areas from related programs of study. Students are encouraged to complete an internship or other appropriate experience in their minor area.

Option 1: Contractual Studies (Curr 0360) 34-75 cr.
1. Minor/Concentration 18-24 cr.
2. Minor/Focus Area 12-24 cr.
3. Concentration/Cognates 0-18 cr.
4. Approved AWR Course 3 cr.
5. Capstone Experience 0-3 cr.
6. INT 402 Integrative Writing 1-3 cr.

The name of the contractually approved program will appear in the comments area on the student’s transcript.

Option 2: General Studies (Curr 0450) 49-63 cr.
1. Minor or Concentration 18-24 cr.
2. Focus Area I or Second Minor 15-18 cr.
3. Focus Area II 12-15 cr.
4. Approved AWR Course 3 cr.
5. INT 402 Integrative Writing 1-3 cr.

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

C. ELECTIVES 5-50

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).
The Journal and Public Relations Department offers a degree in public relations (0292) and three degree programs in journalism — one with an emphasis on newspapers (0195), one with an emphasis on magazines (0196), and one that focuses on multimedia journalism (0253). Students learn to create multimedia content for multiple platforms. They learn to tell stories using words, photos, audio, video and graphics.

They also study journalism ethics and law, journalism issues, and the history of the American press and magazine industry. All students learn through hands-on experience at the department’s online and print magazine and the campus’s award-winning student newspaper, and prepare for their first job in journalism by interning, in Plattsburgh, their hometowns, or larger metropolitan areas. Students may also opt to complete a minor in journalism. Non-traditional students might look to retrain themselves with our professional certificate in multimedia journalism.

The public relations major is your gateway into the public relations profession. Our public relations major provides you with a broad spectrum of knowledge and practical experience that prepare you for an engaging career as a public relations practitioner. Our graduates work in both the private and public sectors, either in corporate and agency settings or governmental and other institutional environments. You will learn about concepts of persuasion and communication strategies, relationship-building, audience analysis and public opinion research, project management and the latest techniques in social media. The public relations program places a strong emphasis on writing and speaking — essential corporate communication skills in today’s competitive marketplace. You will have a number of opportunities within the public relations major to put your acquired knowledge to work, whether through professional internships, hands-on practical work, or developing public relations campaigns for real clients in our campaigns class and our student-led public relations agency, Cardinal PR. You will also be able to gain a taste of the professional world when you join our chapter of the Public Relations Student Society of America (PRSSA). PRSSA members travel to regional and national conferences, participate in leadership training trips, host social and educational events on campus and organize an annual college celebration of the public relations profession.
## ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

### C. ELECTIVES 32-33

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

**TOTAL CREDITS** minimum 120

### ADDITIONAL DEGREE REQUIREMENTS

1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

## JOURNALISM: MAGAZINE MAJOR

*Bachelor of Arts or Bachelor of Science*

### Curriculum 0196 Requirements

<table>
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<td>A. GENERAL EDUCATION REQUIREMENTS 33-34</td>
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Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

### B. MAJOR DEPARTMENTAL REQUIREMENTS 53

1. **Core:** (44 cr.)
   a. JOU 127 Speaking and Writing for Professionals (3 cr.)
   b. JOU 204 U.S. Media History (3 cr.)
   c. JOU 206 Introduction to News Writing (3 cr.)
   d. JOU 207 Introduction to Magazine Writing (3 cr.)
   e. JOU 208 Photojournalism (3 cr.)
   f. JOU 209 Grammar and Sentence Writing (3 cr.)
   g. JOU 240 Audio-Video Production for Journalism and Public Relations (3 cr.)
   h. JOU 304 Law and Ethics for Journalism and Public Relations (3 cr.)
   i. JOU 308 Reporting and News Writing (AWR) (3 cr.)
   j. JOU 316 Digital Publishing (3 cr.)
   k. JOU 317 Web Design and Production (3 cr.)
   l. JOU 325 Journalism Masterpieces (3 cr.)
   m. JOU 408 Journalism Senior Seminar (1 cr.)
   n. Four practicum credits are required with at least one credit from JOU 402 and one credit from JOU 403 or 411 (4 cr.)
   o. JOU 402 Editorial Newspaper Practicum (1-2 cr.)
   p. JOU 403 Online Magazine Practicum (1-2 cr.)
   q. JOU 406 Non-Editorial Newspaper Practicum (1-2 cr.)
   r. JOU 411 Print Magazine Production (1-2 cr.)
   s. JOU 497 Professional Experience and/or Internship (3 cr.)

2. **Skills:** (6 cr.)
   a. JOU 309 Magazine Article Writing (3 cr.)
   b. JOU 318 Design and Layout (3 cr.)

3. **Specialized:** (3 cr.)
   a. JOU 303 Coaching Advanced Oral and Written Skills (3 cr.)
   b. JOU 305 Unlocking Hidden Stories in the Local Community: Historical Research for Public Relations and Journalism (3 cr.)
   c. JOU 307 Opinion and Review (3 cr.)
   d. JOU 310 Sports Reporting (3 cr.)
   e. JOU 320 Literary Journalism (3 cr.)
   f. JOU 324 Travel Writing (3 cr.)
   g. JOU 326 Outdoor Writing (3 cr.)
   h. JOU 327 Speech Coaching (3 cr.)
   i. JOU 360 Multimedia Storytelling (3 cr.)
   j. JOU 381 Topics in Journalism (1-3 cr.)
   k. JOU 415 Multimedia Journalism Production (3 cr.)
   l. PRE 311 Public Relations Principles (3 cr.)

### C. ELECTIVES 32-33

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

**TOTAL CREDITS** minimum 120

### ADDITIONAL DEGREE REQUIREMENTS

1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

## JOURNALISM: MULTIMEDIA MAJOR

*Bachelor of Arts or Bachelor of Science*

### Curriculum 0253 Requirements

<table>
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<td>A. GENERAL EDUCATION REQUIREMENTS 33-34</td>
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</table>

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

### B. MAJOR DEPARTMENTAL REQUIREMENTS 53

1. **Core:** (44 cr.)
   a. JOU 127 Speaking and Writing for Professionals (3 cr.)
   b. JOU 204 U.S. Media History (3 cr.)
   c. JOU 206 Introduction to News Writing (3 cr.)
   d. JOU 207 Introduction to Magazine Writing (3 cr.)
   e. JOU 208 Photojournalism (3 cr.)
   f. JOU 209 Grammar and Sentence Writing (3 cr.)
   g. JOU 240 Audio-Video Production for Journalism and Public Relations (3 cr.)
   h. JOU 304 Law and Ethics for Journalism and Public Relations (3 cr.)
   i. JOU 308 Reporting and News Writing (AWR) (3 cr.)
   j. JOU 316 Digital Publishing (3 cr.)
   k. JOU 317 Web Design and Production (3 cr.)
   l. JOU 325 Journalism Masterpieces (3 cr.)
   m. JOU 408 Journalism Senior Seminar (1 cr.)
   n. Four practicum credits are required with at least one credit from JOU 402 and one credit from JOU 403 or 411 (4 cr.)
   o. JOU 402 Editorial Newspaper Practicum (1-2 cr.)
   p. JOU 403 Online Magazine Practicum (1-2 cr.)
   q. JOU 406 Non-Editorial Newspaper Practicum (1-2 cr.)
   r. JOU 411 Print Magazine Production (1-2 cr.)
   s. JOU 497 Professional Experience and/or Internship (3 cr.)

2. **Skills:** (6 cr.)
   a. JOU 309 Magazine Article Writing (3 cr.)
   b. JOU 318 Design and Layout (3 cr.)

3. **Specialized:** (3 cr.)
   a. JOU 303 Coaching Advanced Oral and Written Skills (3 cr.)
   b. JOU 305 Unlocking Hidden Stories in the Local Community: Historical Research for Public Relations and Journalism (3 cr.)
   c. JOU 307 Opinion and Review (3 cr.)
   d. JOU 310 Sports Reporting (3 cr.)
   e. JOU 320 Literary Journalism (3 cr.)
   f. JOU 324 Travel Writing (3 cr.)
   g. JOU 326 Outdoor Writing (3 cr.)
   h. JOU 327 Speech Coaching (3 cr.)
   i. JOU 360 Multimedia Storytelling (3 cr.)
   j. JOU 381 Topics in Journalism (1-3 cr.)
   k. JOU 415 Multimedia Journalism Production (3 cr.)
   l. PRE 311 Public Relations Principles (3 cr.)

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1. JOU 325 Journalism Masterpieces (3 cr.)
2. JOU 408 Journalism Senior Seminar (1 cr.)
3. Four practicum credits are required with at least one credit from JOU 402 and one credit from JOU 403 or 411 (4 cr.)
   - JOU 402 Editorial Newspaper Practicum (1-2 cr.)
   - JOU 403 Online Magazine Practicum (1-2 cr.)
   - JOU 406 Non-Editorial Newspaper Practicum (1-2 cr.)
   - JOU 411 Print Magazine Production (1-2 cr.)
4. Three internship credits are required (3 cr.)
   - JOU 497 Professional Experience
   - JOU 498 Internship (3 cr.)
5. Skills: (6 cr.)
   a. JOU 415 Multimedia Journalism Production (3 cr.)
   b. Choose one of these four courses:
      - ART 205 Introduction to Graphic Design (3 cr.)
      - CMM 428 Advanced Radio Production (3 cr.)
      - JOU 318 Design and Layout (3 cr.)
      - JOU 360 Multimedia Storytelling (3 cr.)
6. Specialized: (3 cr.)
   a. JOU 303 Coaching Advanced Oral and Written Skills (3 cr.)
   b. JOU 305 Unlocking Hidden Stories in the Local Community: Historical Research for Public Relations and Journalism (3 cr.)
   c. JOU 307 Opinion and Review (3 cr.)
   d. JOU 309 Magazine Article Writing (3 cr.)
   e. JOU 310 Sports Reporting (3 cr.)
   f. JOU 320 Literary Journalism (3 cr.)
   g. JOU 324 Travel Writing (3 cr.)
   h. JOU 326 Outdoor Writing (3 cr.)
   i. JOU 327 Speech Coaching (3 cr.)
   j. JOU 360 Multimedia Storytelling (3 cr.)
   k. JOU 381 Topics in Journalism (1-3 cr.)
   l. PRE 311 Public Relations Principles (3 cr.)

C. ELECTIVES 32-33

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).
2. Writing: (9 cr.)
   Complete all of the following:
   JOU 206   Introduction to News Writing (3 cr.)
   JOU 308   Reporting and News Writing (AWR) (3 cr.)
   PRE 452   Public Relations Writing (3 cr.)

3. Digital Media: (3 cr.)
   Select one of the following:
   PRE/JOU 240 Audio-Video Production for Journalism and Public Relations (3 cr.)
   JOU 316   Digital Publishing (3 cr.)
   JOU 317   Web Design and Production (3 cr.)

4. Applications: (6 cr.)
   Select two of the following:
   PRE 321   Advertising in the Electronic Media (3 cr.)
   PRE 334   Pitch, Persuade & Present (3 cr.)
   PRE 345   Social Media for Public Relations (3 cr.)
   PRE 368   Event Planning and Management (3 cr.)
   PRE 467   Crisis (3 cr.)
   JOU 416   Coaching Advanced Oral and Written Skills (3 cr.)

5. Supervised Practical Experience: (3-12 cr.)
   Complete at least 3 credits from among the following:
   PRE 433A   Public Relations Agency Practicum – Staff (1 cr.)
   PRE 433B   Public Relations Agency Practicum – Management (2 cr.)
   PRE 497   Advanced Public Relations Practicum (3 cr.)
   PRE 498   Internship/Practicum (1-12 cr.)

6. Certificate Preparation Elective: (0-1 cr.) Optional
   PRE 400   Certificate in Principles of Public Relations (1 cr.)

C. ELECTIVES 30-41

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS  minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. Students must earn a minimum grade of C in introductory courses – CMM 101/JOU 127, JOU 204, JOU 209, PRE 311 and PRE 314 – in order to fulfill degree requirements.
2. A grade of C+ or better is required in the AWR course (JOU 308).
3. A grade of C+ or better is required in the following professional preparation courses: PRE 402 and PRE 466.
4. There is a formal application process for Practicum/Internship (PRE 498), with review of applicants beginning the semester prior to the semester of internship.
5. PRE 400, Certificate in Public Relations Principles, is optional training for seniors wishing to sit for the certificate examination administered by the Public Relations Society of America. Students must take the examination no earlier than six months prior to graduation or no later than six months following graduation.
6. A minimum overall GPA of 2.0 in all required major courses (Category B).
7. Completion of all college-wide degree requirements (Pages 58-60).

LATIN AMERICAN STUDIES PROGRAM

Coordinator: TBD
Adjunct Faculty: Three positions

Latin American Studies at SUNY Plattsburgh is a small, quality program, which offers a comprehensive, multidisciplinary view of the peoples, cultures, and problems of a major world region. In doing so, it provides a study of the background and origins of the largest ethnic group in the United States — the Hispanic/Latino community. An increasing number of Latin American Studies (LAS) students are from that community, or from Latin America (and the Caribbean), and many find careers that engage that world region or that ethnic community in the United States. To prepare LAS majors and minors for such career opportunities, the Program offers three integrated learning objectives.

Soft Skills: LAS students, especially in the Program’s upper-level interdisciplinary courses are taught how to listen (to move beyond simply hearing to respond more timely, accurately, and deeply). They are schooled in questioning, with complexity and sophistication. They engage in argumentation and negotiation, identifying differences and areas of agreement. They gain experience in speaking extemporaneously to the situation and with confidence, and in working cooperatively over an extended time and sometimes in high pressure situations.

Broadened Perspectives: LAS students encounter global issues that will shape their generation in the decades to come. They study and engage foreign cultures, expanding their awareness and enriching their understanding of the world and its diversity. Almost all experience being in two national capitals through the Program’s advanced study options, increasing their comfort level and proficiency in professional settings.

Hands-on Experiences: LAS majors and minors gain professional experience through three advanced studies tracks. The Model Organization of American States enables students to employ soft skills, study hemispheric issues, and engage their peers from across the United States and the Americas. Study abroad helps them to
gain cross-cultural background through course work and living in another country. The Washington Internship Institute semester incorporates academic seminars and working in a professional setting in the nation's capital. In content, students are expected to gain a broad understanding of the historical, geographical, and cultural context of the development of Latin America (and the Caribbean), while focusing on its current problems and issues. They explore these patterns from the perspective of the region as a whole, as well as from varied national experiences across the region. Alongside this working body of knowledge, students are trained in and practice the soft skills and integrative analysis — especially through advanced study tracks — that will shape their professional stature to pursue a variety of different career opportunities.

LATIN AMERICAN STUDIES
Bachelor of Arts
Curriculum 0739 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 30-39

1. Core Courses: (12-18)
   a. LAS 111 Introduction to Latin America (3 cr.)
   b. LAS 344 Seminar (AWR) (3 cr.) and
   c. HIS 161 Colonial Latin American, 1492-1825 (3 cr.) or
      HIS 162 Middle and Modern Latin America (3 cr.)
   d. Language Prerequisite/Placement (0-6 cr.)
      SPA 111 Elementary Spanish I or equivalent (0-3 cr.) and
      SPA 112 Elementary Spanish II or equivalent (0-3 cr.) or
      SPA 150 Intensive Spanish Review or equivalent (0-3 cr.)
   e. Language (3 cr.)
      SPA 213 Intermediate Spanish I (3 cr.) or
      Higher level Spanish course (3 cr.)

2. Latin American Content Courses: (9-10 cr.)
   One course from three different categories. Study Abroad courses are counted toward the Latin American Content Course Requirement where applicable.
   a. Anthropology/Sociology Elective: (3 cr.)
      select one course
      ANT 323 Peoples and Cultures of Latin America (3 cr.)
      ANT 377 Immigrants, Exiles, Refugees (3 cr.)
      LAS 330 The Drug War, Narco-Trafficking & Human Rights in the Americas (3 cr.)
      LAS 345 Latinos in the United States (3 cr.)
   b. Humanities Elective: (3 cr.)
      select one course
      ENG 271 Latina/o Literature in the U.S. (3 cr.)
      HIS 391 Slavery in the Americas, 1492 – 1889 (3 cr.)
      MLC 220 Latin American and Spanish Literature (in English) (3 cr.)
      MLC 245 Latin American Culture through Films (3 cr.)
      MUS 116 Latin American and Caribbean Music (3 cr.)
      SPA 385 Introducción a Hispanoamérica I: Epoca pre-colonial-Siglo XIX (3 cr.)
      SPA 386 Introducción a Hispanoamérica II: Epoca Contemporánea (3 cr.)
   c. Political Economy Elective: (3 cr.)
      select one course
      HIS 3630 Latin American Foreign Relations (3 cr.)
      LAS 350 The Global Economy in Latin America: Industry, Labor and the Environment (3 cr.)
      PSC 321 Latin American Politics (3 cr.)
      PSC/LAS 489 WII Seminar: International Relations (3 cr.)
   d. LAS Electives: (3-4 cr.)
      select one course
      HIS 362 Modern Mexico (3 cr.)
      HIS 3625 Latin American Revolutions (3 cr.)
      LAS 110 Topics in Inter-American Affairs (3 cr.)
      LAS 444 Advanced Seminar (3 cr.)
      LAS 459 Model OAS Field Study (3-4 cr.)
      LAS 489 WII Seminar: Bridging Theory/Practice (3 cr.)
      LAS 496 Teaching Practicum (3 cr.)
      LAS 399/499 Independent Study (3 cr.)

3. Advanced Study: (9-11 cr.) select one track
   a. Model Organization of American States:
      (9-11 cr.)
      i. LAS 459 OAS Field Study (4 cr.)
      ii. LAS 459 OAS Field Study (3-4 cr.) (2nd time) and additional L.A. content course (3 cr.)
      iii. LAS 459 OAS Field Study (1 cr.) or additional LAS content course (3 cr.)
   b. Any Semester-long Study Abroad Program in Latin America: (9 cr.)
      Nine credits in any semester-long study abroad program in Latin America (9 cr.)
   c. Internship with Latin American Connection:
      (9 cr.)
      LAS 489 WII Internship or
      LAS 498 Internship
C. COGNATE REQUIREMENTS 18-39

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

D. ELECTIVES 7-40

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

MATHEMATICS DEPARTMENT

Professors: G. Flynn, D. Kenoyer, S. Northshield
Associate Professors: R. Keever (chairperson), M. Morrow, T. Powell, G. Quenell, R. Reams
Lecturers: G. Hoffman, J. Wampler
Adjunct Faculty: Seven to ten 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 option, 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. Persons with bachelor's degrees are also eligible to apply for admission to the master of science for teachers (M.S.T.) program at SUNY Plattsburgh as a route to adolescence school teaching.

The department also offers, in conjunction with the Teacher Education Unit, a combined B.A./M.S.T. Mathematics/Adolescence Education program to prepare students to teach high school mathematics. This program is fully accredited by the Teacher Education Accreditation Council (TEACS). See the Combined Programs section of this catalog for more about this program.

MATHEMATICS MAJOR
Bachelor of Arts
Curriculum 0717 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 38-44

1. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101 Elementary College Math or equivalent (0-3 cr.)
   MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
2. MAT 202 Linear Algebra I (3 cr.)
3. MAT 104 Trigonometry (1 cr.) and MAT 224 Calculus I (4 cr.)
4. MAT 225 Calculus II (4 cr.)
5. MAT 231 Sets, Functions, and Relations (3 cr.)
6. MAT 301 Introduction to Abstract Algebra (3 cr.)
7. MAT 302 Linear Algebra II (3 cr.)
8. MAT 326 Calculus III (4 cr.)
9. MAT 397 Core Mathematics Problem Seminar (AWR) (3 cr.)
10. MAT 428 Foundations of Calculus (3 cr.)
11. Advanced Mathematics Electives (6 cr.)
   Select from the following:
   CSC 422 Theory of Computation (3 cr.)
   CSC 453 Introduction to Numerical Methods (3 cr.)
   Mathematics courses numbers 300 or higher, excluding MAT 496.

C. COGNATE REQUIREMENTS 3

1. CSC 121 Introduction to Computing and the Web (3 cr.)

D. ELECTIVES 40-47

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

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. A minimum overall GPA of 2.0 in all required major courses (Category B).
4. Completion of all college-wide degree requirements (Pages 58-60).
MATHEMATICS MAJOR  
Bachelor of Science  
Curriculum 0727 Requirements

A. GENERAL EDUCATION REQUIREMENTS  33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS  52-58

1. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101  Elementary College Math or equivalent (0-3 cr.)
   MAT 102  Precalculus or Calculus Readiness Test (0-3 cr.)
2. MAT 202  Linear Algebra I (3 cr.)
3. MAT 104  Trigonometry (1 cr.) and MAT 224  Calculus I (4 cr.)
4. MAT 225  Calculus II (4 cr.)
5. MAT 231  Sets, Functions, and Relations (3 cr.)
6. MAT 301  Introduction to Abstract Algebra (3 cr.)
7. MAT 302  Linear Algebra II (3 cr.)
8. MAT 326  Calculus III (4 cr.)
9. MAT 397  Core Mathematics Problem Seminar (AWR) (3 cr.)
10. MAT 428  Foundations of Calculus (3 cr.)
11. MAT 429  Advanced Calculus (3 cr.)
12. Additional mathematics-related concentration (18 cr.)
   a. One of the pre-approved programs (list available through the department) or individualized program approved by the department.
   b. Thesis optional; will replace one course in concentration. See department for thesis guidelines.
   c. Courses are ordinarily expected to be at the 300 or 400 level.

C. COGNATE REQUIREMENTS  3

1. CSC 121  Introduction to Computing and the Web (3 cr.)

D. ELECTIVES  25-32

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS  minimum 120

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 496 will not satisfy the 300/400 level advanced mathematics requirement.
4. A minimum overall GPA of 2.0 in all required major courses (Category B).
5. Completion of all college-wide degree requirements (Pages 58-60).

MODERN LANGUAGES AND CULTURES DEPARTMENT

Professors: I. Arredondo (chairperson), F. Iturburu, J. Kleist
Associate Professor: M. Cusson
Lecturers: O. Flores, M. Imaz, I. Lee, M. Leone, D. Sarabia Acosta
Adjunct Faculty: Three to five positions

The Department of Modern Languages and Cultures offers baccalaureate programs in French and in Spanish and minor programs in French, German, and Spanish. It also offers, in conjunction with the Teacher Education Unit, 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 the student’s oral and written language proficiency and cultural sensibilities to the broadest extent possible.

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

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

Travel and study-away — especially through SUNY programs — are strongly encouraged, and as much as half the student’s major or minor program can be accomplished abroad. Many of the department’s students take advantage of the college’s broad range of study opportunities by accomplishing double majors or minors in such fields as Canadian studies, Latin American studies, International Business, Communication, and other similarly interrelated fields.

In addition to courses in French, German, and Spanish, the department regularly offers courses in descriptive and theoretical linguistics and, periodically, courses in Arabic, Italian, Latin, Portuguese, and Russian — depending on faculty resources and student demand. It occasionally offers graduate-level courses (open to qualified seniors) in French and in Spanish as well. Faculty members in the department support and frequently participate instructionally in the college’s honors, women’s studies, and anthropology programs and direct the interdisciplinary minor in language and linguistics.

For further information concerning the major, minor, and advanced placement programs, please contact the departmental office in Champlain Valley Hall (518-564-3829). For additional information on NYS teacher certification in foreign languages, please contact either the departmental office or the Office of the Teacher Education Unit in Sibley Hall (518-564-2122).

### FRENCH MAJOR

**Bachelor of Arts or Bachelor of Science**

**Curriculum 0704 Requirements**

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>A. GENERAL EDUCATION REQUIREMENTS 33-34</th>
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</thead>
</table>

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>B. MAJOR DEPARTMENTAL REQUIREMENTS 30-36</th>
</tr>
</thead>
</table>

1. **Language Prerequisite/Placement: (0-6 cr.)**
   - FRE 111 Elementary French I or equivalent (0-3 cr.) and
   - FRE 112 Elementary French II or equivalent (0-3 cr.) or
   - FRE 150 Intensive French Review or equivalent (0-3 cr.)

2. **Language and Culture Courses: (6 cr.)**
   - FRE 213 Intermediate French I (3 cr.)
   - FRE 214 Intermediate French II (3 cr.)

3. **Advanced Language and Culture Course: (3 cr.)**
   - choose one course:
     - FRE 316 Conversation avancée (3 cr.)
     - FRE 322 Lecture et interprétation (3 cr.)

4. **Language and Culture Courses: (9 cr.)**
   - Complete 9 credits from among the courses listed below. Some of these courses may be repeated for credit with different content.
     - FRE 333 La France: Thèmes Variés (3 cr.)
     - FRE 334 La Francophonie: Thèmes Variés (3 cr.)
     - FRE 335 Le Québec (3 cr.)

5. **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.)

6. **FRE 319 Composition et grammaire avancées (AWR) (3 cr.)**

7. **Related Studies (taught in English): (3 cr.)**
   - FRE 341 French Literature (in English) (3 cr.)
   - FRE 348 French Civilization (in English) (3 cr.)
   - FRE 496 French Foreign Language Methodology (3 cr.)
   - LIN 221 Introduction to General Linguistics (3 cr.)
   - MLC 192 World Literature in Translation (3 cr.)
   - MLC 340 European Films (3 cr.)

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<tr>
<th>CREDITS</th>
<th>C. COGNATE REQUIREMENTS 12</th>
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</table>

300/400-level courses in related areas, chosen by advisement.

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<thead>
<tr>
<th>CREDITS</th>
<th>D. ELECTIVES 38-45</th>
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</thead>
</table>

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

<table>
<thead>
<tr>
<th>TOTAL CREDITS</th>
<th>120</th>
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</thead>
</table>

**ADDITIONAL DEGREE REQUIREMENTS**

1. A minimum grade of C in all French (FRE) courses.
2. Students are encouraged to spend time abroad. See your academic advisor regarding study-away programs.
3. A minimum overall GPA of 2.0 in all required major courses (Category B).
4. Completion of all college-wide degree requirements (Pages 58-60).
### SPANISH MAJOR
Bachelor of Arts or Bachelor of Science
Curriculum 0705 Requirements

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<thead>
<tr>
<th>Credits</th>
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<tr>
<td>33-34</td>
<td>A. GENERAL EDUCATION REQUIREMENTS</td>
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Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>30-36</td>
<td>B. MAJOR DEPARTMENTAL REQUIREMENTS</td>
</tr>
</tbody>
</table>

#### 1. Language Prerequisite/Placement: (0-6 cr.)
- SPA 111 Elementary Spanish I or equivalent (0-3 cr.) and
- SPA 112 Elementary Spanish II or equivalent (0-3 cr.) or
- SPA 150 Intensive Spanish Review or equivalent (0-3 cr.)

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

#### 3. Advanced Language and Culture Courses: (6 cr.)
- a. SPA 314 ConVERSACIÓN (3 cr.)
- b. SPA 315 Composición (AWR) (3 cr.)

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

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

#### 6. Related Studies (taught in English): (3 cr.)
- select one course:
  - ENG 271 Latina/o Literature in the U.S. (3 cr.)
  - INT 301 Political Economy of Sustainable Development (3 cr.)
  - LIN 221 Introduction to General Linguistics (3 cr.)
  - MLC 192 World Literature in Translation (3 cr.)
  - MLC 220 Latin American and Spanish Literature (3 cr.)
  - MLC 245 Latin American Culture through Film (3 cr.)
  - MLC 250 Gender and Sexuality in Hispanic Film (3 cr.)
  - MLC 260 Topics in Latin American Art (3 cr.)
  - MLC 340 European Films (3 cr.)
  - SPA 496 Spanish Foreign Language Methodology (3 cr.)

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Area Concentration: (12 cr.)

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<tbody>
<tr>
<td>38-45</td>
<td>D. ELECTIVES</td>
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</tbody>
</table>

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

**TOTAL CREDITS** minimum 120

### ADDITIONAL DEGREE REQUIREMENTS
1. A minimum grade of C in all Spanish (SPA) courses.
2. Students are encouraged to spend time abroad.
3. A minimum overall GPA of 2.0 in all required major courses (Category B).
4. Completion of all college-wide degree requirements (Pages 58-60).

### SPANISH MAJOR
Bachelor of Arts or Bachelor of Science
(Study Option in Latin American Studies)
Curriculum 0796 Requirements

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<td>33-34</td>
<td>A. GENERAL EDUCATION REQUIREMENTS</td>
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Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

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<tr>
<td>30-36</td>
<td>B. MAJOR DEPARTMENTAL REQUIREMENTS</td>
</tr>
</tbody>
</table>

#### 1. Language Prerequisite/Placement: (0-6 cr.)
- SPA 111 Elementary Spanish I or equivalent (0-3 cr.) and
- SPA 112 Elementary Spanish II or equivalent (0-3 cr.) or
- SPA 150 Intensive Spanish Review or equivalent (0-3 cr.)

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

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

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

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

#### 6. Related Studies (taught in English): (3 cr.)
- select one course:
  - ENG 271 Latina/o Literature in the U.S. (3 cr.)
  - INT 301 Political Economy of Sustainable Development (3 cr.)
  - LIN 221 Introduction to General Linguistics (3 cr.)
  - MLC 192 World Literature in Translation (3 cr.)
  - MLC 220 Latin American and Spanish Literature (3 cr.)
  - MLC 245 Latin American Culture through Film (3 cr.)
  - MLC 250 Gender and Sexuality in Hispanic Film (3 cr.)
  - MLC 260 Topics in Latin American Art (3 cr.)
  - MLC 340 European Films (3 cr.)
  - SPA 496 Spanish Foreign Language Methodology (3 cr.)

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<td>12</td>
<td>C. COGNATE REQUIREMENTS</td>
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</table>

Area Concentration: (12 cr.)
LIN 221   Introduction to General Linguistics (3 cr.)
MLC 192    World Literature in Translation (3 cr.)
MLC 220    Latin American and Spanish Literature (in English) (3 cr.)
MLC 245    Latin American Culture through Film (3 cr.)
MLC 250    Gender and Sexuality in Hispanic Film (3 cr.)
MLC 260    Topics in Latin American Art (3 cr.)
MLC 340    European Films (3 cr.)

C. COGNATE REQUIREMENTS  21
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.)

D. ELECTIVES  28-36
Certian major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS   minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum grade of C in all Spanish (SPA) courses.
2. Students are encouraged to spend time abroad.
3. A minimum overall GPA of 2.0 in all required major courses (Category B).
4. Completion of all college-wide degree requirements (Pages 58-60).

MUSIC DEPARTMENT

Professor: D. Gordon
Associate Professors: K. Becker (chairperson), J. Miano, W. Pfaff
Adjunct Faculty: Thirteen 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/theory studies. The discipline and competence developed through this individualized study is applied to and reinforced by the performing ensembles (vocal and instrumental). 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 (42-49 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 (32-39 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 regularly perform together in small ensembles. Students have the opportunity to interact with guest artists in workshops and other settings, as well as in performances.

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

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<thead>
<tr>
<th>CREDITS</th>
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<td><strong>A. GENERAL EDUCATION REQUIREMENTS</strong></td>
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<tr>
<td><strong>B. MAJOR DEPARTMENTAL REQUIREMENTS</strong></td>
<td>42-49</td>
</tr>
<tr>
<td><strong>Music Core:</strong> (39-46 cr.)</td>
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<tr>
<td>1. MUS 100 Introductory Music Symposium (1 cr.)</td>
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<tr>
<td>2. <strong>Music Theory and Skills:</strong> (14-21 cr.)</td>
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<tr>
<td>a. MUS 120 Fundamental Musicianship (3 cr.) or Proficiency Exam (0 cr.)</td>
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<tr>
<td>b. MUS 126 Aural Skills I (1 cr.) or Proficiency Exam (0 cr.)</td>
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<tr>
<td>c. MUS 130 Music Theory I (3 cr.)</td>
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<tr>
<td>d. MUS 226 Aural Skills II (1 cr.)</td>
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<tr>
<td>e. MUS 230 Music Theory II (3 cr.)</td>
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<tr>
<td>f. MUS 283 Piano Class I (3 cr.) or Proficiency Exam (0 cr.) (MUS 120 and 283 are taken concurrently.)</td>
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<td>g. MUS 326 Aural Skills III (1 cr.)</td>
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<td>h. MUS 330 Music Theory III (3 cr.)</td>
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<tr>
<td>i. MUS 383 Piano Class II (3 cr.) (MUS 130 and 383 are taken concurrently.) Advanced piano students take MUS 233 Voice Class (3 cr.) or MUS 293 Guitar Class (3 cr.) in place of MUS 383.</td>
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<tr>
<td>3. <strong>Music History:</strong> (6 cr.)</td>
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<tr>
<td>a. MUS 301 History Western Music: Antiquity to 1750 (3 cr.)</td>
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<td>b. MUS 302 History of Western Music: 1750 to Present (3 cr.)</td>
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<tr>
<td>4. MUS 305 Introduction to Music Technology (3 cr.)</td>
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<td>5. MUS 310 Topics in Music (AWR) (3 cr.)</td>
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<td>6. MUS 485 Senior Seminar (3 cr.)</td>
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<td>7. MUS 495 Practicum: Music Production (1 cr.)</td>
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<tr>
<td>8. <strong>Applied and Ensembles:</strong> (8 cr.)</td>
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<tr>
<td>a. Applied Instrumental or Vocal Instruction (4 cr. over 4 semesters)</td>
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<tr>
<td>b. Performing Ensembles (4 cr.)</td>
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</table>

Music majors are required to enroll in one of the following ensembles concurrent with their applied lessons: Concert Choir, Mambo Combo, Sinfonia, Symphonic Band, or Guitar Ensemble. It is expected that music majors will participate in small ensembles as mutually agreeable between ensemble directors and applied teachers.

<table>
<thead>
<tr>
<th>Music Electives: (3 cr.)</th>
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<tbody>
<tr>
<td>Chosen from the following music course offerings:</td>
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<tr>
<td>MUS 110 Music Appreciation (3 cr.)</td>
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<td>MUS 111 World Music (3 cr.)</td>
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<tr>
<td>MUS 112 Jazz History (3 cr.)</td>
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<td>MUS 113 Music in Canadian Cultures (3 cr.)</td>
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<td>MUS 114 American Pop: North and South (3 cr.)</td>
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<tr>
<td>MUS 115 Musical Theatre (3 cr.)</td>
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<tr>
<td>MUS 116 Latin American and Caribbean Music (3 cr.)</td>
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<tr>
<td>MUS 119 Introduction to Bluegrass Music (3 cr.)</td>
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<tr>
<th>C. ELECTIVES</th>
<th>37-45</th>
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<tbody>
<tr>
<td>Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.</td>
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</table>

**TOTAL CREDITS** minimum 120

**ADVANCED WRITING REQUIREMENTS (AWR)**  
Satisfied by the completion of MUS 310

**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 announced at the beginning of each semester);  
   c. present a solo performance each semester (performance class, studio class, or public event); and  
   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)  
3. Students must pass an audition on their principal instrument in order to complete this program.  
4. A minimum overall GPA of 2.0 in all required major courses (Category B).  
5. Completion of all college-wide degree requirements (Pages 58-60).
PHILOSOPHY DEPARTMENT

Professors: B. Dixon, C. List, J. Liszka
Associate Professors: K. Hagen (chairperson), D. Maier
Adjunct Faculty: One position

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

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

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

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

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).

PHILOSOPHY MAJOR
Bachelor of Arts or Bachelor of Science
(Study Option in Ethics and Social Philosophy)
Curriculum 0699 Requirements

<table>
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<th>B. MAJOR DEPARTMENTAL REQUIREMENTS</th>
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<tbody>
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<td>1. Foundations: (12 cr.)</td>
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<tr>
<td>a. PHI 102 Introduction to Philosophy (3 cr.)</td>
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<tr>
<td>b. PHI 210 History of Western Philosophy to 1500 (3 cr.)</td>
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<tr>
<td>c. PHI 211 History of Western Philosophy from 1500 (3 cr.)</td>
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<tr>
<td>d. PHI 213 Symbolic Logic (3 cr.)</td>
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<tr>
<td>2. Ethics and Social Philosophy Concentration: (12 cr.)</td>
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<tr>
<td>a. PHI 104 Moral Problems (3 cr.)</td>
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<tr>
<td>b. Select one course (3 cr.):</td>
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<tr>
<td>PHI 230 Social and Political Philosophy (3 cr.)</td>
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<tr>
<td>PHI 312 Ethical Theory (3 cr.)</td>
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<td>c. Select two courses (6 cr.):</td>
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<tr>
<td>PHI 350 Environmental Ethics (3 cr.)</td>
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<td>PHI 361 Nature, Culture, and the Hunt (3 cr.)</td>
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<td>PHI 362 Ethics and Animals (3 cr.)</td>
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<td>PHI 363 Moral Responsibility (3 cr.)</td>
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<td>PHI 364 Outdoor Ethics (3 cr.)</td>
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<td>PHI 365 Food Justice (3 cr.)</td>
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<td>3. Practicum: (3 cr.)</td>
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<td>PHI 395 Practicum: Ethics in Action (1-3 cr.)</td>
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<td>4. Seminar: (3 cr.)</td>
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<td>Select one course:</td>
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<tr>
<td>PHI 419 Topics in Philosophical Ethics (3 cr.)</td>
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<tr>
<td>PHI 444 Philosophy and Culture (3 cr.)</td>
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<tr>
<td>5. Advanced Writing in Philosophy: (4 cr.)</td>
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<tr>
<td>PHI 490 Advanced Writing in Philosophy (AWR) (4 cr.)</td>
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<tr>
<td>6. Philosophy Electives: (3 cr.)</td>
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<table>
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<tr>
<th>C. ELECTIVES</th>
<th>49-50</th>
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<tbody>
<tr>
<td>Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.</td>
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<tr>
<th>TOTAL CREDITS</th>
<th>minimum 120</th>
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ADDITIONAL DEGREE REQUIREMENTS
1. A minimum overall GPA of 2.0 in all required major courses (Category B).
2. Completion of all college-wide degree requirements (Pages 58-60).
PHYSICS DEPARTMENT

Professor: T. Wolz (chairperson)
Assistant Professors: K. Podolak, M. Walters
Lecturers: L. M. Kissner, T. Kretser

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

Because of the interdisciplinary nature of this curriculum, a specific program can be coordinated with work in such areas as mathematics, chemistry, biophysics, geophysics, computer science, and environmental science, either in a double major format or in a program concentration or minor field. Students will acquire the background necessary to enter industrial research laboratories or graduate degree programs.

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

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

PHYSICS MAJOR
Bachelor of Arts
Curriculum 0715 Requirements

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 29-31

1. PHY 111 General Physics I (4 cr.)
2. PHY 112 General Physics II (4 cr.)
3. PHY 311 Analytical Mechanics (3 cr.)
4. PHY 314 Introduction to Modern Physics (3 cr.)
5. PHY 380 Intermediate Laboratory (3 cr.)
6. PHY 398 Technical Reports in Physics and Engineering (AWR) (3 cr.)
7. Physics Electives: (9-11 cr.)
   PHY 341 Thermodynamics (3 cr.)
   PHY 365 Electronics for Scientists (4 cr.)
   PHY 421 Fundamentals of Electromagnetism (3 cr.)
   PHY 431 Physical Optics (4 cr.)
   PHY 452 Quantum Mechanics (3 cr.)
   PHY 495 Undergraduate Research (2-6 cr.)

C. COGNATE REQUIREMENTS 27-36

1. CHE 111 Fund. Principles of Chemistry I (4 cr.)
2. CHE 112 Fund. Principles of Chemistry II (4 cr.)
3. Computing Prerequisites (0-3 cr.)
   CSC 121 Introduction to Computing and the Web (3 cr.) or
   CSC 122 Physical Computing (3 cr.) or
   CSC 123 Scientific Simulation and Modeling (3 cr.) or
   Familiarity with programming
4. CSC 221 Intro. to Programming (3 cr.)
5. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101 Elementary College Math or equivalent (0-3 cr.)
   MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
6. MAT 104 Trigonometry (1 cr.) and
   MAT 221 Calculus I (4 cr.)
7. MAT 225 Calculus II (4 cr.)
8. MAT 326 Calculus III (4 cr.)
9. MAT 426 Differential Equations (3 cr.)

D. ELECTIVES 19-31

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum grade of C in all physics (PHY) and cognate courses.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).

3 + 2 PRE-ENGINEERING OPTION

This option provides for three years of study at SUNY Plattsburgh followed by two years at an accredited Engineering School including Clarkson University, SUNY Albany, SUNY Binghamton, SUNY Buffalo, and Syracuse University. Upon graduation from the engineering School, the student will receive a Bachelor of Arts Degree in Physics from SUNY Plattsburgh and an Engineering Degree from the Engineering School.

The curriculum of study at SUNY Plattsburgh prepares the student for transfer with a core of Physics courses (General Physics 1 and 2, Introduction to Modern Physics, Intermediate Laboratory, and Technical Reports in Physics and Engineering), and a minimum of 12 credits in Physics electives geared toward the field of engineering (Physics faculty advise students as to the proper electives based upon the student’s field of interest in engineering). Electives include Statics, Strength of Materials, Engineering Mechanics/Dynamics, Fluid Dynamics, Electronics for Scientists, Robotics, and Physical Optics. Students also take fifteen credits.
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

of Mathematics, eight credits of Chemistry and three credits of Computer Science.

Electives: (30 cr.)
Advanced Writing Requirement
(Satisfied by the completion of PHY 398)

General Education Requirements
(See listing of General Education Requirements)
The following courses required for this program are taken as part of the General Education Requirement:

Mathematics:
MAT 224  Calculus I (4 cr.)

The Natural Sciences:
CHE 111  Fundamental Principles of Chemistry I (4 cr.)
CHE 112  Fundamental Principles of Chemistry II (4 cr.)

POLITICAL SCIENCE DEPARTMENT

Professors: H. Itoh, H. Schantz (chairperson)
Associate Professors: R. Carman, D. Lake
Lecturer: G. O'Donnell
Adjunct Faculty: T. Mandeville, F. Studebaker

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

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

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

A. GENERAL EDUCATION REQUIREMENTS 33-34
Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 36

1. PSC 100  U.S. National Politics (3 cr.)
2. PSC 120  Comparative Politics (3 cr.)
3. PSC 220  International Relations (3 cr.)
4. PSC 231  History of Political Ideas (3 cr.)
5. PSC 311  Political Analysis (3 cr.)

6. U.S. Politics: (3 cr.) select one course
   PSC 240  State and Local Government (3 cr.)
   PSC 343  U.S. Congress and Presidency (3 cr.)
   PSC 344  U.S. Political Parties and Interest Groups (3 cr.)
   PSC 345  U.S. Public Opinion and Voting Behavior (3 cr.)
   PSC 348  Gender Politics (3 cr.)
   PSC 354  Topics in U.S. Politics (1-3 cr.)
   PSC 358  Political Movements (3 cr.)

7. Law: (3 cr.) select one course or more
   PSC 290  Introduction to Law (3 cr.)
   PSC 355  Topics in Law (3 cr.)
   PSC 390  U.S. Constitutional Law (3 cr.)
   PSC 391  U.S. Civil Liberties (3 cr.)
   PSC 393  Global Law (3 cr.)

8. Public Policy: (3 cr.) select one course or more
   PSC 282  Political Ideals and Ideologies (3 cr.)
   PSC 356  Topics in Public Policy (1-3 cr.)
   PSC 380  Public Policy & Administration (3 cr.)
   PSC 381  U.S. Political Economy (3 cr.)
   PSC 383  U.S. Domestic Policy (3 cr.)
   PSC 385  U.S. Environmental Policy (3 cr.)

9. World Affairs: (3 cr.) select one course or more
   PCS 319  National Security in the 21st Century (3 cr.)
   PSC 320  Ethnic Politics (3 cr.)
   PSC 321  Latin American Politics (3 cr.)
   PSC 323  Japanese Politics and Diplomacy (3 cr.)
   PSC 325  Canadian Politics (3 cr.)
   PSC 327  European Politics (3 cr.)
   PSC 329  Asia Today (3 cr.)
   PSC 334  War (3 cr.)
   PSC 335  Politics of the World Economy (3 cr.)
   PSC 357  Topics in World Affairs (3 cr.)

10. Two or more additional courses in one of the above areas: (6 cr.)

11. Advanced Writing Requirement Seminar: (3 cr.) select one course
    PSC 451  Seminar on Elections (AWR) (3 cr.)
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

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

A. GENERAL EDUCATION REQUIREMENTS  33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS  40

1. PSY 101 General Psychology (3 cr.)
2. PSY 105 General Psychology Laboratory/Recitation (1 cr.)
3. PSY 205 Experimental Design (3 cr.)
4. PSY 206 Psychological Statistics (3 cr.)
5. PSY 304 Junior Psychology Seminar (AWR) (3 cr.)
6. PSY 311 Survey of Human Development (3 cr.)
7. PSY 321 Cognitive Psychology (3 cr.)
8. PSY 331 Introduction to Biopsychology (3 cr.)
9. PSY 340 Personality (3 cr.)
10. PSY 361 Social Psychology (3 cr.)
11. PSY 408 Psychology Senior Examination (0 cr.)
12. PSY 409 History and Modern Systems of Psychology (3 cr.)
13. Psychology Upper-Division Requirement: (9 cr.)
   Select three courses: Middle number must be different in each course selected.
   PSY 412 Educational Psychology (3 cr.)
   PSY 414 Infancy and Childhood (3 cr.)
   PSY 415 Adolescence, Youth and Early Adulthood (3 cr.)
   PSY 416 Adult Development & Aging (3 cr.)
   PSY 422 Human Learning & Memory (3 cr.)
   PSY 424 Perception & Sensory Processes (3 cr.)
   PSY 430 Neural Science and Behavior (3 cr.)
   PSY 440 Psychological Assessment (3 cr.)
   PSY 443 Abnormal & Deviant Behavior (3 cr.)
   PSY 445 Counseling Psychology (3 cr.)
   PSY 460 Psychology of Women (3 cr.)
   PSY 461 Evolutionary Psychology (3 cr.)
   PSY 462 Industrial & Organizational Behavior (3 cr.)

C. ELECTIVES  46-47

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS  minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum grade of C in PSY 101.
2. Passing of the Psychology Senior Examination (PSY 408).
3. A minimum overall GPA of 2.0 in all required major courses (Category B).
4. Completion of all college-wide degree requirements (Pages 58-60).

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

SOCIOLOGY DEPARTMENT

Professors: L. Ames, S. Light
Associate Professors: L. Eastwood (chairperson), S. Rezac
Assistant Professors: C. A. McCoy, K. McCoy Coleman, E. Onasch
Lecturer: S. Sabin
Adjunct Faculty: Four positions

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

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

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

SOCIOLOGY MAJOR
Bachelor of Arts
Curriculum 0728 Requirements

CREDITS
A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 33

1. Core: (15 cr.)
   a. SOC 101 Introduction to Sociology (3 cr.)
   b. SOC 300 Research Methods I (3 cr.)
   c. Select one course (3 cr.)
   SOC 301 Research Methods II: Quant. (3 cr.)
   SOC 302 Research Methods II: Qual. (3 cr.)
   d. SOC 340 Sociological Theory (3 cr.)
   e. SOC 491 Sociology Seminar (AWR) (3 cr.)

2. Areas of Sociological Focus: (9 cr.)
   Select one course from each category (a-c):
   a. Global Dynamics: (3 cr.) select one course
      SOC 303 Sociology of Development (3 cr.)
      SOC 367 Sociology of Environment (3 cr.)

SOC 390 Topics in Global Dynamics (3 cr.)
SOC 406 Sociology of Peace & War (3 cr.)
SOC 441 Sociology of Globalization (3 cr.)

b. Social Inequality: (3 cr.) select one course
   SOC 305 Sociology of Women (3 cr.)
   SOC 307 Social Problems and Social Policy (3 cr.)
   SOC 321 Sociology of Race and Ethnicity (3 cr.)
   SOC 391 Topics in Inequality (3 cr.)
   SOC 430 Social Stratification (3 cr.)

c. Social Institutions: (3 cr.) select one course
   SOC 265 Self in Society (3 cr.)
   SOC 309 Sociology of Aging and Death (3 cr.)
   SOC 312 Sociology of Families (3 cr.)
   SOC 315 Sociology of Health & Medicine (3 cr.)
   SOC 316 Working in Society (3 cr.)
   SOC 331 Sociology of Organizations (3 cr.)
   SOC 342 Political Sociology (3 cr.)
   SOC 355 Sociology of Law (3 cr.)
   SOC 388 Social Change and Social Movements (3 cr.)
   SOC 392 Topics in Social Institutions (3 cr.)

3. Sociology Electives: (9 cr.)
   Nine additional credits in area B2. Up to three credits earned in SOC 399, SOC 403, SOC 496, SOC 498, or SOC 499 can be applied to this category.

C. COGNATE REQUIREMENTS 15-27

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

D. ELECTIVES 26-39

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum grade of C or better is required in the SOC 101 and SOC 491.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).
THEATRE DEPARTMENT

Associate Professors: K. Hartshorn (chairperson), S. Mefferd Kelty
Assistant Professor: E. Guay
Instructional Support: M. Barber
Technical Support: B. Wright
Adjunct Faculty: Four positions

The Theatre Department at SUNY Plattsburgh endeavors to provide students with the necessary skills to succeed academically, professionally, and personally. Through our commitment to a strong liberal arts curriculum and production work, our program fosters critical thinking, effective communication, problem solving, collaboration, and creative process. Our productions afford vibrant artistic and cultural enrichment to our campus and regional communities by facilitating a deeper understanding and appreciation of the arts. Our curriculum helps students develop a broad understanding of human knowledge and focus on the disciplined training, history, literature, production, and professionalism of the theatre. This approach allows the Theatre department to foster well-rounded, prepared, responsible, and enthusiastic artist-scholars and global citizens.

The department offers a B.A. in theatre and a theatre minor. The theatre major (50 credits), as an interdisciplinary art, allows students to combine theatre studies with other disciplines on campus. Theatre majors can expect a rich curriculum that examines all aspects of the art of theatre: performance, directing, design, technical production, dramatic literature, dramaturgy, and theatre history and criticism. The purpose is to present a comprehensive view of theatre, its evolution and the intersections of its theory and practice that engage students in practical applications and creative problem solving.

Our comprehensive B.A. program allows students to graduate with a traditional liberal arts theatre degree or the option of pursuing graduate school or professional training programs. The theatre minor (19 credits) allows students to develop a solid understanding of theatre through an organized program of study that highlights the foundational elements of our art. Both the theatre major and minor provides students not only with theatre skills and knowledge, but also effective communication skills, analytical reasoning, and most importantly, critical, creative and collaborative thinking.

Theatre students are encouraged to participate in summer theatre internships and apprenticeship opportunities as a part of their training program and degree completion. Summer theatre work is a vital opportunity for theatre majors to further develop their skills, experience, and connections to theatre professionals and organizations.

The SUNY Plattsburgh campus and community provide a good environment for the development of theatre interests. The department and student theatre
organizations provide several opportunities throughout the year for participating or attending theatre events. The department produces three fully-staged productions every year as well as a series of staged-reading opportunities. The Theatre department also offers a fall study-away course (THE 480) on the Stratford Festival in Ontario, Canada. Plattsburgh is in proximity to a wide variety of professional theatres including the Centaur Theatre, Segal Centre, Place des Arts, Vermont Stage Company, St. Michael's College, Pendragon Theatre, and the Depot Theatre as well as several local community theatre and arts organizations.

THEATRE MAJOR
Bachelor of Arts
Curriculum 0724 Requirements

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 50

I. Foundations: (18 cr.)
   THE 103  Stage Lighting (4 cr.)
   THE 104  Stage Craft (4 cr.)
   THE 105  Stage Costume (4 cr.)
   THE 106  Introduction to Acting (3 cr.)
   And one of the following:
   THE 265  Acting I (3 cr.)
   THE 365  Acting II (3 cr.)
   THE 465  Acting III (3 cr.)

2. Development: (12 cr.)
   THE 110  Introduction to Theatre Art (3 cr.)
   THE 221  Script Analysis (3 cr.)
   THE 240  Introduction to Design (3 cr.)
   And one of the following:
   THE 209  Production Leadership (3 cr.)
   THE 340  Visual Styles in Theatre (3 cr.)
   THE 416  Directing the Play (3 cr.)

3. Integrations: (9 cr.)
   THE 300  Theatre History I (3 cr.)
   THE 301  Theatre History II (3 cr.)
   And one of the following:
   THE 456  Modern Drama: 1880-1925 (3 cr.)
   THE 457  World Drama Since 1925 (3 cr.)

4. Seminars: (2 cr.)
   THE 395  Junior Seminar (1 cr.)
   THE 490  Senior Capstone (1 cr.)

5. Electives: (3 cr.)
   Select sufficient additional THE courses to bring the total THE credits completed to a minimum of 50.

C. ELECTIVES 36-37

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. Transfer students are required to complete at least 18 credit hours of upper-division course work in theatre at SUNY Plattsburgh.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60)
Dean: R. Ortiz-Walters  
Assistant Dean: T. Studley  
Interim Associate Dean: R. Christopherson  
Professor: E. Chrysostome

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

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

ECONOMICS AND FINANCE DEPARTMENT  
Professors: R. Christopherson (chairperson), N. Duffy, G. Gregoriou, C. Read  
Associate Professors: S. Henry, R. Pascalau, K. Petrova  
Assistant Professor: D. Qirjo  
Lecturer: A. Noce

HOTEL, RESTAURANT AND TOURISM MANAGEMENT DEPARTMENT  
Interim Chair: Peter Ensel  
Professor: R. Guydosh  
Associate Professor: M. Gultek  
Assistant Professor: C. Dimitriou  
Lecturer: J. Parmelee  
Chef/Instructor: K. Emery

MANAGEMENT, INFORMATION SYSTEMS, AND ANALYTICS DEPARTMENT  
Professors: E. Chrysostome, M. Djerdjouri, R. Guydosh, R. Rampal (chairperson)  
Associate Professor: Z. Zhang  
Assistant Professor: J. Gautheir

MARKETING AND ENTREPRENEURSHIP DEPARTMENT  
Professor: L. Heroux  
Assistant Professors: R. Gottschall, L. Josien

The business program within the School of Business and Economics (SBE) is accredited by the Association to Advance Collegiate Schools of Business, AASCB 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 AASCB International.
Currently, approximately 746 business programs are accredited by AACSB International. In addition, the hotel, restaurant and tourism management program is accredited by the Accreditation Commission for Programs in Hospitality Administration (ACPHA).

Accreditation by AACSB International and ACPHA assures our students, alumni and employers of our graduates that a rigorous self-evaluation and peer-review process certifies that the SBE provides a high-quality business education supported by strong and continuously improved curricula, faculty, and instructional facilities. Accreditation also ensures that the SBE’s mission is appropriate and meets the high standards of prestigious business schools: “To provide our diverse student population with an affordable, internationally recognized and accredited high quality business education, emphasizing skills for successful careers in the global economy, complemented by experiential learning and exceptional mentoring, and serving as an intellectual resource center for the Quebec/New York Corridor and the global community.”

The SBE offers the following undergraduate degree programs:

1. Bachelor of Science (Accounting)
2. Bachelor of Science (Business Administration)
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 (Management Information Systems)
11. Bachelor of Science (Marketing)

All students in the SBE are required to complete 120 credit hours of course work for conferral of the appropriate degree. Included in the 120 credit hour requirements are 33-34 credit hours of general education (plus 0-10 credits in General Education prerequisites).

All students majoring in the Bachelor of Science programs in accounting, business administration, entrepreneurship, finance, global supply chain management, international business, management, management information systems, and marketing, in addition to major specific criteria, must complete the following 42 credit hours of business core courses, six-seven credits of cognates, and pass the zero-credit Business Exit Exam.

**Business Core: (42 cr.)**

1. ACC 201 Introduction to Financial Accounting (3 cr.)
2. ACC 202 Introduction to Managerial Accounting (3 cr.)
3. ACC 351 Legal Environment of Business (3 cr.)
4. ECO 110 Intro. to Microeconomics (3 cr.)
5. ECO 111 Intro. to Macroeconomics (3 cr.)
6. ECO 260 Business Statistics I (3 cr.)
7. ECO 362 Business Statistics II (3 cr.)
8. FIN 355 Principles of Finance (3 cr.)
9. MGM 280 Principles of Management (3 cr.)
10. MGM 350 Introduction to Mathematical Modeling in Business (3 cr.)
11. MGM 490 Strategic Management (3 cr.)
12. MIS 275 Business Applications and Information Systems (3 cr.)
13. MKE 290 Principles of Marketing (3 cr.)
14. BUS 388 Seminar in Professionalism (3 cr.)
15. BUS 489 Business Exit Exam (0 cr.)

**Cognate Requirements: (6-14 cr.)**

1. BUS 203 Business Ethics in a Global Society (3 cr.) or CMM 101 Introduction to Public Speaking (3 cr.)
2. Mathematics Prerequisite/Placement (0-6 cr.)
3. MAT 101 Elementary College Math or equivalent (0-3 cr.)
4. MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
5. MAT 104 Trigonometry and Calculus I (3 cr.) or MAT 224 Calculus I (4 cr.)

**TOTAL CORE CREDITS 48-49**

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

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

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

The major in global supply chain management prepares students for management positions that coordinate the flow of product, information, and cash from the raw-material suppliers to the consumer in a global context. This program, the only one in SUNY, offers a unique blend of multidisciplinary coursework focusing on theoretical,
The major in international business gives students the opportunity to develop international perspectives based on living, learning, and working experience abroad. Program design and course requirements are integrated with area studies, foreign languages, study abroad, and internships.

The major in management provides a balance of hands-on experience and academics to prepare students for a 21st century career in management in a variety of industries. Real-world, hands-on class projects and internship opportunities greatly enhance their understanding of marketing and make them more marketable to prospective employers. The major in management information systems provides students with an understanding of fundamental management issues related to the use of information technology and trains them to become business professionals who can use computers and other technology to manage information within an organization and enable business success.

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

The major in accounting prepares students for careers in public accounting, corporate accounting, and governmental and nonprofit organizations. Students may choose courses that help 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 sociopolitical and economic problems. The curriculum covers principles of government and business, international trade and investment, economic history, labor-management relations, labor economics, urban and regional economics, economic development, monetary and fiscal policy, banking and finance, business cycle theories, energy and environmental economics, and managerial economic problems. A B.A. or a B.S. in economics may lead to a career in banking, business, or government. It may also serve as preparation for graduate study in economics, professional study in law, or a specialized area of business or public administration.

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

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

Admission to SBE majors is competitive and is contingent upon academic qualifications. A cumulative GPA of 2.3 or better is required for a student to be considered for transfer admission, readmission, or internal transfer into any major in the SBE. A student who does not have a GPA of 2.3 can be admitted to and can complete any SBE minor. Upon completion of a minor, with a GPA of 2.3 in the minor classes, a student could then be considered for admission to a major in the SBE. The School of Business and Economics also offers minors in accounting, business, economics, finance, global supply chain management, international business, management information systems, and marketing, as well as a more quantitative minor in business analysis. A specialized joint minor in broadcast management is also offered to broaden career opportunities for students. Students with junior status may complete the B.S. in business administration program at SUNY Plattsburgh’s Branch Campus at Queensbury. (For more information on the Branch Campus, see Branch Campus in the Regional, Local, and Campus Overview section of this catalog.)

ACCOUNTING MAJOR

Bachelor of Science

Curriculum 0755 Requirements

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 75

1. ACC 201 Introduction to Financial Accounting (3 cr.)
2. ACC 202 Introduction to Managerial Accounting (3 cr.)
3. ACC 301 Intermediate Accounting I (3 cr.)
4. ACC 302 Intermediate Accounting II (3 cr.)
5. ACC 305 Cost Accounting (3 cr.)
6. ACC 306 Accounting Information Systems (3 cr.)
7. ACC 307 Government and Nonprofit Accounting (3 cr.)
8. ACC 351 Legal Environment of Business (3 cr.)
9. ACC 352 Business Law for Accounting Majors (3 cr.)
10. ACC 401 Advanced Accounting (3 cr.)
11. ACC 402 Auditing (3 cr.)
12. ACC 403 Income Tax I (3 cr.)
**ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS**

13. Select one course: (3 cr.)
   - ACC 377  International Accounting (3 cr.)
   - ACC 404  Income Tax II (3 cr.)
   - ACC 405  Advanced Cost Accounting (3 cr.)
   - ACC 406  Accounting Theory and Research (3 cr.)
   - ACC 408  Advanced Auditing (3 cr.)
   - ACC 444  Selected Topics in Accounting (3 cr.)

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

15. ECO 110  Introduction to Microeconomics (3 cr.)

16. ECO 111  Introduction to Macroeconomics (3 cr.)

17. ECO 260  Business Statistics I (3 cr.)

18. ECO 362  Business Statistics II (3 cr.)

19. FIN 355  Principles of Finance (3 cr.)

20. MGM 280  Principles of Management (3 cr.)

21. MGM 350  Introduction to Mathematical Modeling in Business (3 cr.)

22. MGM 490  Strategic Management (3 cr.)

23. MIS 275  Business Applications and Information Systems (3 cr.)

24. MKE 290  Principles of Marketing (3 cr.)

25. BUS 388  Seminar in Professionalism (AWR) (3 cr.)

26. BUS 489  Business Exit Exam (0 cr.)

**C. COGNATE REQUIREMENTS 6-14**

1. BUS 203  Business Ethics in a Global Society (3 cr.) or
   - CMM 101  Introduction to Public Speaking (3 cr.)

2. Mathematics Prerequisite/Placement (0-6 cr.)
   - MAT 101  Elementary College Math or equivalent (0-3 cr.)
   - MAT 102  Precalculus or Calculus Readiness Test (0-3 cr.)

3. MAT 221  Calculus for the Life, Mgmt. and Social Sciences I (3 cr.) or
   - MAT 104  Trigonometry (1 cr.) and
   - MAT 224  Calculus I (4 cr.)

**D. ELECTIVES 0-6**

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

**TOTAL CREDITS** minimum 120

**ADDITIONAL DEGREE REQUIREMENTS**

1. The residency requirement for all accounting majors is a minimum of 37 major (ACC, BUS, ECO, ENT, FIN, MGM, MIS, MKE, SCM) credits completed at Plattsburgh.
2. A minimum overall 2.0 GPA in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).

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**BUSINESS ADMINISTRATION MAJOR**

**Bachelor of Science**

Curriculum 0697* or 0696** Requirements

**CREDITS**

**A. GENERAL EDUCATION REQUIREMENTS 33-34**

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

**B. MAJOR DEPARTMENTAL REQUIREMENTS 60**

1. ACC 201  Introduction to Financial Accounting (3 cr.)
2. ACC 202  Introduction to Managerial Accounting (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  Business Statistics I (3 cr.)
8. ECO 362  Business Statistics II (3 cr.)
9. FIN 355  Principles of Finance (3 cr.)
10. MGM 280  Principles of Management (3 cr.)
11. MGM 350  Introduction to Mathematical Modeling in Business (3 cr.)
12. MGM 490  Strategic Management (3 cr.)
13. MIS 275  Business Applications and Information Systems (3 cr.)
14. MKE 290  Principles of Marketing (3 cr.)
15. SCM 370  Supply Chain Management (3 cr.)
16. BUS 489  Business Exit Exam (0 cr.)
17. Select one course: (3 cr.)
   - ACC 377  International Accounting (3 cr.)
   - ECO 391  International Trade (3 cr.)
   - FIN 400  International Financial Mgmt. (3 cr.)
   - MGM 315  International Business Mgmt. (3 cr.)
   - MGM 316  Comparative and Multinational Management (3 cr.)
   - MGM 326  International Marketing (3 cr.)
   - MKE 410  Franchising in the U.S., and Canada (3 cr.)
   - SCM 301  Global Operations Management (3 cr.)
18. SBE Electives select 4 courses: (12 cr.)
   - These courses are to be chosen from 300/400 level ACC, BUS, ECO, ENT, FIN, MGM, MIS, MKE, or SCM courses. No more than two courses can be taken from any departmental designation. Only 3 credits of an internship or independent study may be used to satisfy an elective in this category.
   - Select one course: (3 cr.)
     - ACC 377  International Accounting (3 cr.)
     - ECO 391  International Trade (3 cr.)
     - FIN 400  International Financial Mgmt. (3 cr.)
     - MGM 315  International Business Mgmt. (3 cr.)
     - MGM 316  Comparative and Multinational Management (3 cr.)
     - MKE 326  International Marketing (3 cr.)
     - MKE 410  Franchising in the U.S., and Canada (3 cr.)
     - SCM 301  Global Operations Management (3 cr.)

**C. COGNATE REQUIREMENTS 6-14**

1. BUS 203  Business Ethics in a Global Society (3 cr.) or
   - CMM 101  Introduction to Public Speaking (3 cr.)

2. Mathematics Prerequisite/Placement (0-6 cr.)
   - MAT 101  Elementary College Math or equivalent (0-3 cr.)
   - MAT 102  Precalculus or Calculus Readiness Test (0-3 cr.)
3. MAT 221 Calculus for the Life, Mgmt. and Social Sciences I (3 cr.) or MAT 104 Trigonometry (1 cr.) and MAT 224 Calculus I (4 cr.)

D. ELECTIVES 12-21

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum of 30 major (ACC, BUS, ECO, ENT, FIN, MGM, MIS, MKE, SCM) credits completed at Plattsburgh.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).

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

ENTREPRENEURSHIP MAJOR
Bachelor of Science
Curriculum 0105 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 66

1. ENT 200 Entrepreneurial Communication and Leadership (3 cr.)
2. ENT 320 Entrepreneurship and Innovation (3 cr.)
3. ENT 340 Entrepreneurial Resourcefulness (3 cr.)
4. ENT 420 Entrepreneurial Growth and Exit Strategies (3 cr.)
5. One of the following ENT electives (3 cr.)
   ENT 498 Entrepreneurship Internship (3 cr.)
   ENT 499 Independent Study (3 cr.)
6. One of the following electives (3 cr.)
   ENT 338 Canadian Entrepreneurship & Innovation (3 cr.)
   ENT 443 Selected Topics in Entrepreneurship (3 cr.)
   MIS 410 Electronic Business and Web Design (3 cr.)
   MKE 323 Retail Store Management (3 cr.)
   MKE 328 Services Marketing (3 cr.)
   MKE 385 New Product Development (3 cr.)
   Any course related to an entrepreneurial project and approved by the department chair (3 cr.)
7. One of the following International Business electives (3 cr.)

ENT 338 Canadian Entrepreneurship & Innovation (3 cr.)
MGM 315 International Business Management (3 cr.)
MKE 326 International Marketing Operations (3 cr.)
MKE 410 Franchising in U.S. and Canada (3 cr.)
*ENT 338 cannot satisfy both #6 and #7
8. ACC 201 Introduction to Financial Accounting (3 cr.)
9. ACC 202 Introduction to Managerial Accounting (3 cr.)
10. ACC 351 Legal Environment of Business (3 cr.)
11. BUS 388 Seminar in Professionalism (AWR) (3 cr.)
12. ECO 110 Introduction to Microeconomics (3 cr.)
13. ECO 111 Introduction to Macroeconomics (3 cr.)
14. ECO 260 Business Statistics I (3 cr.)
15. ECO 362 Business Statistics II (3 cr.)
16. FIN 350 Financial Planning for Entrepreneurs (3 cr.)
17. FIN 355 Principles of Finance (3 cr.)
18. MGM 280 Principles of Management (3 cr.)
19. MGM 350 Introduction to Mathematical Modeling in Business (3 cr.)
20. MGM 490 Strategic Management (3 cr.)
21. MIS 275 Business Applications and Information Systems (3 cr.)
22. MKE 290 Principles of Marketing (3 cr.)
23. BUS 489 Business Exit Exam (0 cr.)

C. COGNATE REQUIREMENTS 6-14

1. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101 Elementary College Math or equivalent (0-3 cr.)
   MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
2. MAT 221 Calculus for the Life, Mgmt and Social Sciences I (3 cr.) or MAT 104 Trigonometry (1 cr.) and MAT 224 Calculus I (4 cr.)
3. BUS 203 Business Ethics in a Global Society (3 cr. or)
   CMM 101 Introduction to Public Speaking (3 cr.)

D. ELECTIVES 6-15

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum of 30 major (ACC, BUS, ECO, ENT, FIN, MGM, MIS, MKE, SCM) credits completed at Plattsburgh.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).
GLOBAL SUPPLY CHAIN MANAGEMENT MAJOR
Bachelor of Science
Curriculum 0294 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34
Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 69
SBE Core: (42 cr.)
1. ACC 201 Introduction to Financial Accounting (3 cr.)
2. ACC 202 Introduction to Managerial Accounting (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 Business Statistics I (3 cr.)
8. ECO 362 Business Statistics II (3 cr.)
9. FIN 355 Principles of Finance (3 cr.)
10. MGM 280 Principles of Management (3 cr.)
11. MGM 350 Introduction to Mathematical Modeling in Business (3 cr.)
12. MGM 490 Strategic Management (3 cr.)
13. MIS 275 Business Applications & Information Systems (3 cr.)
14. MKE 290 Principles of Marketing (3 cr.)
15. BUS 489 Business Exit Exam (0 cr.)

Supply Chain Management Requirements: (18 cr.)
1. MKE 402 Procurement (3 cr.)
2. SCM 301 Global Operations Management (3 cr.)
3. SCM 370 Supply Chain Management (3 cr.)
4. SCM 435 Transnational Issues in Supply Chains (3 cr.)
5. SCM 495 Global Supply Chain Strategy (3 cr.)
6. SCM 498 Global Supply Chain Internship (3 cr.)

Electives: (9 cr.)
Select one track:
1. Customer Relations Management Track
   Select three courses:
   MKE 325 Marketing Channels Strategy (3 cr.)
   MKE 401 Interactive Marketing and E-Commerce (3 cr.)
   MKE 410 Franchising in the U.S., and Canada (3 cr.)
   MKE 422 Business to Business Marketing (3 cr.)
   SCM 403 Cross Border Goods and Human Services (3 cr.)
   Selected Marketing Topics with approval of the chair (3 cr.)

2. Logistics Track
   Select three courses:
   SCM 375 Project/Process Management (3 cr.)
   SCM 377 Warehousing and Inventory Management (3 cr.)
   SCM 378 Quality Management (3 cr.)
   SCM 382 System Dynamics and Supply Chains (3 cr.)
   SCM 447 Lean Organizing and Manufacturing (3 cr.)

3. Information and Technology Track
   MIS 440 Management Information Systems (3 cr.)
   Select two courses:
   MIS 302 Data Communication (3 cr.)
   MIS 303 Introduction to Business Applications Programming (3 cr.)
   MIS 403 Business Intelligence (3 cr.)
   MIS 405 Enterprise Information Systems (3 cr.)

4. International/Import/Export Track
   Select three courses:
   ACC 377 International Accounting (3 cr.)
   BUS 333 Canadian and U.S. Business (3 cr.)
   MGM 315 International Business Management (3 cr.)
   MGM 316 Comparative and Multinational Management (3 cr.)
   MKE 326 International Marketing (3 cr.)
   MKE 403 Cross Border Goods and Human Services (3 cr.)
   SCM 380 International Uniform Commercial Code (3 cr.)
   SCM 470 U.S. Customs Brokerage Law (3 cr.)

C. COGNATE REQUIREMENTS 6-14
1. BUS 203 Business Ethics in a Global Society (3 cr.) or CMM 101 Introduction to Public Speaking (3 cr.)
2. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101 Elementary College Math or equivalent (0-3 cr.)
   MAT 102 Precalculus or Calculus Readiness Test (Global) (0-3 cr.)
3. MAT 221 Calculus for the Life, Mgmt and Social Sciences I (3 cr.) or
   MAT 104 Trigonometry (1 cr.) and
   MAT 224 Calculus I (4 cr.)

D. ELECTIVES 3-12
Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum of 30 major (ACC, BUS, ECO, ENT, FIN, MGM, MIS, MKE, SCM) credits completed at Plattsburgh.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).
INTERNATIONAL BUSINESS Major
Bachelor of Science
Curriculum 0106 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 63

1. ACC 201 Introduction to Financial Accounting (3 cr.)
2. ACC 202 Introduction to Managerial Accounting (3 cr.)
3. ACC 351 Legal Environment of Business (3 cr.)
4. ACC 377 International Accounting (3 cr.)
5. BUS 388 Seminar in Professionalism (AWR) (3 cr.)
6. ECO 110 Introduction to Microeconomics (3 cr.)
7. ECO 111 Introduction to Macroeconomics (3 cr.)
8. ECO 260 Business Statistics I (3 cr.)
9. ECO 362 Business Statistics II (3 cr.)
10. ECO 391 International Trade (3 cr.)
11. FIN 355 Principles of Finance (3 cr.)
12. FIN 400 International Financial Management (3 cr.)
13. MGM 280 Principles of Management (3 cr.)
14. MGM 315 International Business Mgmt. (3 cr.)
15. MGM 316 Multinational Management (3 cr.)
16. MGM 350 Introduction to Mathematical Modeling in Business (3 cr.)
17. MGM 490 Strategic Management (3 cr.)
18. MIS 275 Business Applications and Information Systems (3 cr.)
19. MKE 290 Principles of Marketing (3 cr.)
20. MKE 326 International Marketing (3 cr.)
21. Business/Economics elective: 300/400 level (3 cr.)
22. BUS 489 Business Exit Exam (0 cr.)

C. COGNATE REQUIREMENTS 6-14

1. BUS 203 Business Ethics in a Global Society (3 cr.)
   or CMM 101 Introduction to Public Speaking (3 cr.)
2. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101 Elementary College Math or equivalent (0-3 cr.)
   MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
3. MAT 221 Calculus for the Life, Mgmt and Social Sciences I (3 cr.)
   or MAT 104 Trigonometry (1 cr.) and MAT 224 Calculus I (4 cr.)

D. ELECTIVES 9-18

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum of 28 (ACC, BUS, ECO, ENT, FIN, MGM, MIS, MKE, SCM) major credit hours completed at Plattsburgh.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).

MANAGEMENT MAJOR
Bachelor of Science
Curriculum 0107 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 63

1. ACC 201 Introduction to Financial Accounting (3 cr.)
2. ACC 202 Introduction to Managerial Accounting (3 cr.)
3. ACC 351 Legal Environment of Business (3 cr.)
4. ACC 377 International Accounting (3 cr.)
5. BUS 388 Seminar in Professionalism (AWR) (3 cr.)
6. ECO 110 Introduction to Microeconomics (3 cr.)
7. ECO 111 Introduction to Macroeconomics (3 cr.)
8. ECO 260 Business Statistics I (3 cr.)
9. ECO 362 Business Statistics II (3 cr.)
10. FIN 355 Principles of Finance (3 cr.)
11. MGM 280 Principles of Management (3 cr.)
12. MGM 310 Human Resource Management (3 cr.)
13. MGM 311 Organizational Behavior (3 cr.)
14. MGM 350 Introduction to Mathematical Modeling in Business (3 cr.)
15. MGM 444 Principles of Operations Management (3 cr.)
16. MGM 490 Strategic Management (3 cr.)
17. MIS 275 Business Applications and Information Systems (3 cr.)
18. MKE 290 Principles of Marketing (3 cr.)
19. BUS 489 Business Exit Exam (0 cr.)

20. Select one International course: (3 cr.)
   MGM 315 International Business Management (3 cr.)*
   MGM 316 Multinational Management (3 cr.)*
21. Select three courses: (9 cr.)
   BUS 333 Canadian and U.S. Business: A Comparative View (3 cr.)
   MGM 313 Ethics in Business Management (3 cr.)
   MGM 314 Labor Relations (3 cr.)
   MGM 315 International Business Management (3 cr.)*
   MGM 316 Multinational Management (3 cr.)*
   MGM 318 Health Care Management (3 cr.)
   MGM 415 Organization Theory (3 cr.)
   MGM 434 Gender/Management: Issues and Strategies (3 cr.)
   MGM 444 Selected Topics in Management (3 cr.)
### Management Information Systems Major

**Bachelor of Science Curriculum 0200 Requirements**

**CREDITS**

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<td>A. GENERAL EDUCATION REQUIREMENTS</td>
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<td>B. MAJOR DEPARTMENTAL REQUIREMENTS</td>
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<tr>
<td>SBE Core:</td>
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<td>1. ACC 201 Introduction to Financial Accounting</td>
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<td>2. ACC 202 Introduction to Managerial Accounting</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>5. ECO 110 Introduction to Microeconomics (3 cr.)</td>
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<td>12. MGM 350 Quantitative Analysis Models (3 cr.)</td>
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<td>13. MGM 490 Strategic Management (3 cr.)</td>
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<td>14. MIS 275 Business Applications and Information Technology (3 cr.)</td>
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<td>15. BUS 489 Business Exit Exam (0 cr.)</td>
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<td>MIS Requirements: (15 cr.)</td>
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<td>1. MIS 302 Data Communications (3 cr.)</td>
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<td>2. MIS 303 Introduction to Business Application Programming (3 cr.)</td>
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<td>3. MIS 401 Systems Analysis and Design (3 cr.)</td>
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<td>4. MIS 402 Database Management (3 cr.)</td>
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<td>5. MIS 440 Management Information Systems (3 cr.)</td>
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<td>Electives: (9-10 cr.)</td>
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<td>Select one concentration (Track):</td>
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<td>1. E-Business (9-10 cr.)</td>
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<td>Select three courses:</td>
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<td>CMM 434 Advanced Web Design (4 cr.)</td>
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<td>CSC 330 Human Computer Interfaces (3 cr.)</td>
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<td>CSC 341 Introduction to Databases with Web Applications (3 cr.)</td>
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<td>MIS 403 Business Intelligence (3 cr.)</td>
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<td>MIS 405 Enterprise Information Systems (3 cr.)</td>
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<td>MIS 410 E-Business and Website Design (3 cr.)</td>
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<td>MIS 412 E-Health Care: Models and Processes (3 cr.)</td>
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<td>MIS 420 Data Privacy and Security (3 cr.)</td>
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<td>MKE 401 Interactive Marketing and E-Commerce (3 cr.)</td>
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<td>2. Healthcare Informatics (9 cr.)</td>
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<td>Select three courses:</td>
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<td>MGM 318 Healthcare Management (3 cr.)</td>
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</table>
MGM 445 Principles of Operations Management (3 cr.)
MIS 403 Business Intelligence (3 cr.)
MIS 412 E-Healthcare Models and Processes (3 cr.)
NUR 341 Healthcare Informatics (3 cr.)

3. Cyber Security and Information Assurance (9 cr.)
Select three courses:
MIS 418 Cyber Crime and Cybersecurity (3 cr.)
MIS 419 Information Assurance and Network Control (3 cr.)
MIS 420 Data Privacy and Security (3 cr.)

4. General Information Systems (9-10 cr.)
Select three courses:
ACC 306 Accounting Information Systems (3 cr.)
MIS 403 Business Intelligence & Decision Support Systems (3 cr.)
MIS 404 Information Systems Project Management and Practice (3 cr.)
MIS 405 Enterprise Systems (3 cr.)
MIS 498 Internship (3 cr.)
MKE 401 Interactive Marketing and E-Commerce (3 cr.)
SCM 370 Intro. to Supply Chain Management (3 cr.)

Any combination of three courses from the list above and the lists in tracks 1, 2, and 3.

C. COGNATE REQUIREMENTS 6-14
1. BUS 203 Business Ethics in a Global Society (3 cr.) or
   CMM 101 Introduction to Public Speaking (3 cr.)
2. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101 Elementary College Math or equivalent (0-3 cr.)
   MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
3. MAT 221 Calculus for the Life, Mgmt and Social Sciences I (3 cr.) or
   MAT 104 Trigonometry (1 cr.) and
   MAT 224 Calculus I (4 cr.)

D. ELECTIVES 5-15

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

HEALTHCARE INFORMATICS CERTIFICATE
Curriculum 0058 Requirements

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. CERTIFICATE REQUIREMENTS 15

1. Two Required Courses: (6 cr.)
   1. MIS 275 Business Applications and Information Systems (3 cr.) or
      CSC 121 Introduction to Computing and the Web (3 cr.)
   2. NUR 341 Healthcare Informatics (3 cr.)

2. Select Three Courses from the Following List: (9 cr.)
   MIS 303 Introduction to Business Application Programming (3 cr.)
   MIS 401 Information Systems Analysis and Design (3 cr.)
   MIS 402 Database Management Systems (3 cr.)
   MIS 403 Business Intelligence (3 cr.)
   MIS 404 Information Systems Project Management (3 cr.)
   MIS 412 E-Healthcare: Models and Processes (3 cr.)
   MGM 318 Healthcare Management (3 cr.)

TOTAL CREDITS minimum 15

NOTE: Students should select MIS 303 as an elective if they plan to take MIS 401, MIS 402 or MIS 404. However if a student has the necessary programming experience/background, then she/he can apply to waive this requirement. The instructor of MIS 303 will review the application and make the decision.

Students are able to complete the above program with 15 credits of course work, including prerequisites (which are built into the program requirements). Program faculty will review academic records of program applicants to determine the extent to which course prerequisites may be waived based on applicants' prior academic preparation.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum of 30 major (ACC, BUS, ECO, ENT, FIN, MGM, MIS, MKE) credit hours completed at Plattsburgh.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).
# ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

## MARKETING MAJOR

**Bachelor of Science**

Curriculum 0108 Requirements

### CREDITS

<table>
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<th>A. GENERAL EDUCATION REQUIREMENTS</th>
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<td>Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.</td>
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### B. MAJOR DEPARTMENTAL REQUIREMENTS 63

1. ACC 201 Introduction to Financial Accounting (3 cr.)
2. ACC 202 Introduction to Managerial Accounting (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 Business Statistics I (3 cr.)
8. ECO 362 Business Statistics II (3 cr.)
9. FIN 355 Principles of Finance (3 cr.)
10. MGM 280 Principles of Management (3 cr.)
11. MGM 350 Introduction to Mathematical Modeling in Business (3 cr.)
12. MKE 290 Strategic Management (3 cr.)
13. MIS 275 Business Applications and Information Systems (3 cr.)
14. MKE 320 Principles of Advertising (3 cr.)
15. MKE 322 Sales Force Management (3 cr.)
16. MKE 323 Retail Store Management (3 cr.)
17. MKE 324 Public Relations in the Promotion Mix (3 cr.)
18. MKE 325 Marketing Channels Strategy (3 cr.)
19. MKE 326 Services Marketing (3 cr.)
20. MKE 328 Creativity Process in Marketing (3 cr.)
21. MKE 329 New Product Development (3 cr.)
22. MKE 401 Interactive Marketing and E-Commerce (3 cr.)
23. MKE 402 Procurement (3 cr.)
24. MKE 410 Franchising in the U.S. and Canada (3 cr.)
25. MKE 421 Consumer Behavior (3 cr.)
26. MKE 422 Business-to-Business Marketing (3 cr.)
27. MKE 442 Selected Marketing Topics (3 cr.)
28. MKE 498 Marketing Internship (3 cr.)

*May not take MKE 321 or MKE 322 if taken to satisfy Section 19 above.

### C. COGNATE REQUIREMENTS 6-14

1. BUS 203 Business Ethics in a Global Society (3 cr.) or

### D. ELECTIVES 9-18

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

### TOTAL CREDITS

**minimum 120**

## ADDITIONAL DEGREE REQUIREMENTS

1. A minimum of 30 major (ACC, BUS, ECO, ENT, FIN, MGM, MIS, MKE, SCM) credits completed at Plattsburgh.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).

## ECONOMICS MAJOR

**Bachelor of Arts or Bachelor of Science**

Curriculum 0709 Requirements

### CREDITS

<table>
<thead>
<tr>
<th>A. GENERAL EDUCATION REQUIREMENTS</th>
<th>33-34</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.</td>
<td></td>
</tr>
</tbody>
</table>

### B. MAJOR DEPARTMENTAL REQUIREMENTS 42

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 Business Statistics I (3 cr.)
6. ECO 362 Business Statistics II (3 cr.)
7. ECO 392 History of Economic and Financial Thought (3 cr.)
8. ECO 435 Economic Issues (AWR) (3 cr.)
9. ECO 470 Introduction to Econometrics (3 cr.)
10. ECO 490 Senior Seminar for Economics & Finance (3 cr.)
11. ECO 487 Economics Exit Exam (0 cr.)
12. Electives: (12 cr.)*

### C. COGNATE REQUIREMENTS 6-14

1. BUS 203 Business Ethics in a Global Society (3 cr.) or

### D. ELECTIVES 9-18

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

### TOTAL CREDITS

**minimum 120**

## ADDITIONAL DEGREE REQUIREMENTS

1. A minimum of 30 major (ACC, BUS, ECO, ENT, FIN, MGM, MIS, MKE, SCM) credits completed at Plattsburgh.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).
FIN 390  Money and Banking (3 cr.)
FIN 396  Money and Capital Markets (3 cr.)
FIN 400  International Financial Management (3 cr.)
FIN 420  Portfolio Management (3 cr.)
*At least 6 credits of electives must be taken in ECO

C. COGNATE REQUIREMENTS  3-11

1. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101   Elementary College Math or equivalent (0-3 cr.)
   MAT 102   Precalculus or Calculus Readiness Test (0-3 cr.)
2. MAT 221    Calculus for the Life, Mgmt and Social Sciences I (3 cr.) or
   MAT 104   Trigonometry (1 cr.) and
   MAT 224    Calculus I (4 cr.)

D. ELECTIVES  33-42

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

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.
3. A minimum overall GPA of 2.0 in all required major courses (Category B).
4. Completion of all college-wide degree requirements (Pages 58-60).

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

FINANCE MAJOR
Bachelor of Science
Curriculum 0698 Requirements

A. GENERAL EDUCATION REQUIREMENTS  33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS  66

1. ACC 201  Introduction to Financial Accounting (3 cr.)
2. ACC 202  Introduction to Managerial Accounting (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  Business Statistics I (3 cr.)
10. ECO 362  Business Statistics II (3 cr.)
11. ECO 470  Introduction to Econometrics (3 cr.)
12. FIN 355  Principles of Finance (3 cr.)
13. FIN 385  Corporate Financial Mgmt. (3 cr.)
14. FIN 390  Money and Banking (3 cr.)
15. FIN 396  Money and Capital Markets (3 cr.)
16. FIN 420  Portfolio Management Theory (3 cr.)
17. FIN 490  Senior Seminar in Finance (3 cr.)
18. MGM 280  Principles of Management (3 cr.)
19. MIS 275  Business Applications and Information Systems (3 cr.)
20. MKE 290  Principles of Marketing (3 cr.)
21. BUS 489  Business Exit Exam (0 cr.)
22. Select Two courses from the following: (6 cr.)
   ECO 392  History of Economic & Financial Thought (3 cr.)
   FIN 350  Financial Planning for Entrepreneurs (3 cr.)
   FIN 400  International Financial Management (3 cr.)
   FIN 401  Alternative Investments (3 cr.)
   FIN 480  Stock Market Investment & Analysis (3 cr.)
   FIN 486  Financial Derivatives (3 cr.)

C. COGNATE REQUIREMENTS  6-14

1. BUS 203  Business Ethics in a Global Society (3 cr.) or
   CMM 101  Introduction to Public Speaking (3 cr.)
2. Mathematics Prerequisite/Placement (0-6 cr.)
   MAT 101   Elementary College Math or equivalent (0-3 cr.)
   MAT 102   Precalculus or Calculus Readiness Test (0-3 cr.)
3. MAT 221    Calculus for the Life, Mgmt and Social Sciences I (3 cr.) or
   MAT 104   Trigonometry (1 cr.) and
   MAT 224    Calculus I (4 cr.)

D. ELECTIVES  6-15

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. A minimum of 31 major (ACC, BUS, ECO, ENT, FIN, MGM, MIS, MKE) credits completed at Plattsburgh.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).
HOTEL, RESTAURANT AND TOURISM MANAGEMENT MAJOR
Bachelor of Science
Curriculum 0413 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 50

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HRT 202</td>
<td>History, Resources, and Policies of Hotel, Restaurant and Tourism Management</td>
<td>3 cr.</td>
</tr>
<tr>
<td>HRT 251</td>
<td>Principles of Tourism</td>
<td>3 cr.</td>
</tr>
<tr>
<td>HRT 310</td>
<td>Organization and Management in Hospitality Industry</td>
<td>3 cr.</td>
</tr>
<tr>
<td>HRT 321</td>
<td>Hospitality Marketing (AWR)</td>
<td>3 cr.</td>
</tr>
<tr>
<td>HRT 360</td>
<td>Food, Beverage, and Labor Cost Control</td>
<td>3 cr.</td>
</tr>
<tr>
<td>HRT 362</td>
<td>Food Service Operations Management</td>
<td>5 cr.</td>
</tr>
<tr>
<td>HRT 383</td>
<td>Lodging Operations Management I</td>
<td>3 cr.</td>
</tr>
<tr>
<td>HRT 384</td>
<td>Hospitality Financial Management</td>
<td>3 cr.</td>
</tr>
<tr>
<td>HRT 462</td>
<td>Hospitality Law</td>
<td>3 cr.</td>
</tr>
<tr>
<td>HRT 464</td>
<td>Food Service Operations Management</td>
<td>5 cr.</td>
</tr>
<tr>
<td>HRT 483</td>
<td>Lodging Operations Management II</td>
<td>3 cr.</td>
</tr>
<tr>
<td>HRT 495</td>
<td>Leadership in the Hospitality Industry</td>
<td>3 cr.</td>
</tr>
<tr>
<td>HRT 497</td>
<td>HRT Field Experience</td>
<td>1 cr.</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>9 cr.</td>
</tr>
</tbody>
</table>

Choose 3 courses from the following:
- HRT 354 International Hospitality (3 cr.)
- HRT 361 Foodservice Planning and Purchasing (3 cr.)
- HRT 364 Beverage Management (3 cr.)
- HRT 373 Applied Food and Beverage Management (3 cr.)
- HRT 397 Physical Systems Management (3 cr.)
- HRT 442 Special Topics in Hospitality Management (3 cr.)
- HRT 453 Convention/Meeting Planning Management (3 cr.)
- HRT 454 Resort Management (3 cr.)
- HRT 456 Current Issues & Trends in Tourism (3 cr.)
- HRT 498 Hospitality Management Internship (3 cr.)
- Other HRT courses by advisement.

C. COGNATE REQUIREMENTS 21-27

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>ACC 201</td>
<td>Introduction to Financial Accounting</td>
<td>3 cr.</td>
</tr>
<tr>
<td>ACC 202</td>
<td>Introduction to Managerial Accounting</td>
<td>3 cr.</td>
</tr>
<tr>
<td>ACC 351</td>
<td>Legal Environment of Business</td>
<td>3 cr.</td>
</tr>
<tr>
<td>ECO 101</td>
<td>Principles of Economics (LA)</td>
<td>3 cr.</td>
</tr>
<tr>
<td>Foreign Language at the Second Level</td>
<td>0-6 cr.</td>
<td></td>
</tr>
<tr>
<td>MGM 280</td>
<td>Principles of Management</td>
<td>3 cr.</td>
</tr>
<tr>
<td>MIS 275</td>
<td>Business Applications &amp; Information Systems</td>
<td>3 cr.</td>
</tr>
<tr>
<td>MKE 290</td>
<td>Principles of Marketing</td>
<td>3 cr.</td>
</tr>
</tbody>
</table>

D. ELECTIVES 9-16

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum of 60 liberal arts credits must be taken. (for instance, 20 courses at 3 cr. each).
2. A minimum of 42 credits of 300/400 level work.
3. All students must complete the last 30 of 36 credits at SUNY Plattsburgh.
4. Students are required to complete 600 hours of hospitality industry work experience.
5. HRT 495 must be completed at SUNY Plattsburgh.
6. A minimum overall GPA of 2.0 in all required major courses (Category B).
7. Completion of all college-wide degree requirements (Pages 58-60).

NOTE: Students wishing to enter the School of Business and Economics must have a 2.3 cumulative GPA to be considered.
The mission of the School of Education, Health, and Human Services is to prepare students for positions in their respective fields, to provide a learning environment that fosters growth and development, and to inculcate creative, critical, and humane thinking. This mission is accomplished through programs that make a positive difference in others’ lives. Services provided by our graduates promote health and wellbeing for individuals and their families across the lifespan. Our students gain knowledge, skills, and professional dispositions with hands-on training in early field placements, practicums, clinical placements, or expeditions as they prepare to enter professional fields.

Our programs meet the highest standards as determined by the following national accreditation organizations:

- Council on Academic Accreditation for Speech-Language Pathology
- Commission on Collegiate Nursing Education
- Council for the Accreditation of Educator Preparation for Teacher Education
- Council for the Accreditation of Counseling and Related Education Programs
- Accreditation Council for Education in Nutrition and Dietetics
- Council on Social Work Education

If you want to make a positive difference in the world, then one of the programs in the School of Education, Health, and Human Services is for you.

Education, Health, and Human Services Programs at SUNY Plattsburgh Programs of Study:

- Expeditionary Studies
- Fitness and Wellness Leadership
- Communication Sciences and Disorders
- Counselor Education
  - Clinical Mental Health Counseling
  - Student Affairs and Higher Education
- Human Development and Family Relations
- Nursing (Bachelor’s and RN-to-BS programs)
- Nutrition and Dietetics
- Social Work
- Teacher Education
  - Adolescence Education
  - Childhood Education
  - Childhood Education and Special Education (combined program)
  - Childhood Education and Literacy Education (combined program)
  - Educational Leadership (Certificates of Advanced Study)
  - Literacy Education
  - Special Education
  - Teaching & Learning
COMMUNICATION SCIENCES AND DISORDERS DEPARTMENT

Professors: P. Coppens (chairperson), S. Hungerford, M. Morgan
Assistant Professor: K. Bauerly
Lecturers: C. Clifford-Ledyard, M. Hertel
Clinical Directors: A. Gambino, D. Orlofsky
Adjunct Faculty: Six positions

The B.A./B.S. in communication sciences and disorders (723 curriculum) is a pre-professional track to prepare students for a career as a speech-language pathologist or audiologist. Courses focus on the scientific basis and nature of human communication and its disorders, assessment, and remediation. Students study the normal processes of hearing, speech, and language development and their disorders such as articulation and phonological disorders, language-learning delays/disorders, stuttering, aphasia, 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 department's mission is to effectively prepare students to meet the challenges of our professions by providing quality instruction, modeling/mentoring, and curricular offerings which reflect our diverse society in accordance with the accepted standards of our professions. The department offers a comprehensive curriculum, which integrates academic knowledge and clinical practice. The communication sciences and disorders curriculum meets all the undergraduate requirements for certification with the American Speech-Language-Hearing Association and all undergraduate coursework requirements for New York State Licensure.

The goal of the undergraduate program is to provide a solid foundation for the development of clinical expertise. Students are introduced to the department's Speech and Hearing Center clinic services as part of several undergraduate courses, including the direct observation of some assessment and therapy sessions. This careful preparation occurs before any formal clinical practicum can begin. A select number of seniors is 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 sciences and disorders, students apply to graduate school to pursue a master's degree. This allows for employment in a variety of settings, which include public schools, hospitals, nursing homes, head trauma centers, community clinics, and private practices.

The Certificate Program in the Communication Sciences and Disorders 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, or clinical doctorate of audiology (Au.D.). Students may transfer a maximum of six credits if they already have taken courses included in the certificate program curriculum. Course syllabi must be reviewed by professors before approval of transfer credits. An application packet for the certificate program may be obtained from Graduate Admissions. Deadline for application is April 1.

COMMUNICATION SCIENCES AND DISORDERS CERTIFICATE PROGRAM
Curriculum 0050 Requirements

<table>
<thead>
<tr>
<th>Certificate Requirements</th>
<th>Credits</th>
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<tr>
<td>1. CDS 211 Elementary American Sign Language I (3 cr.)</td>
<td>31</td>
</tr>
<tr>
<td>2. CDS 241 Speech &amp; Language Development (3 cr.)</td>
<td></td>
</tr>
<tr>
<td>3. CDS 342 Introduction to Phonetics (3 cr.)</td>
<td></td>
</tr>
<tr>
<td>4. CDS 343 Speech &amp; Hearing Mechanisms (3 cr.)</td>
<td></td>
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<tr>
<td>5. CDS 344 Introduction to Hearing Speech Science (3 cr.)</td>
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<tr>
<td>6. CDS 345 Introduction to Audiology (3 cr.)</td>
<td></td>
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<tr>
<td>7. CDS 410 Communication Systems and Disorders (3 cr.)</td>
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<tr>
<td>8. CDS 439 Participatory Observation (1 cr.)</td>
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<tr>
<td>9. CDS 443 Aural Rehabilitation (3 cr.)</td>
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<tr>
<td>10. CDS 445 Introduction Articulation and Phonology (3 cr.)</td>
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<tr>
<td>11. CDS 448 Language Disorders (3 cr.)</td>
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</tr>
</tbody>
</table>

TOTAL CREDITS minimum 31

The American Speech-Language-Hearing Association (ASHA) requires basic science course work for certification. The student's existing bachelor's degree should contain one course in biological science, one course in the physical sciences, preferably physics or chemistry, one course in statistics, and one course in behavioral and/or social sciences. A course in linguistics also is recommended. Contacting the department chairperson is advised. Admission is limited to the 12 most highly qualified students every fall.
COMMUNICATION SCIENCES AND DISORDERS MAJOR
Bachelor of Arts or Bachelor of Science
Curriculum 0723 Requirements

CREDITS
A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 45-50

1. Communication Sciences and Disorders: (42 cr.)
   a. CDS 211  Elementary American Sign Language (3 cr.)
   b. CDS 240  Intro. Speech & Hearing Problems (3 cr.)
   c. CDS 241  Speech and Language Development (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 (2 cr.)

2. Linguistics, select one course: (3 cr.)
   LIN 221  Introduction to General Linguistics (3 cr.)
   LIN 430  Theoretical Linguistics (3 cr.)

3. Electives: (0-5 cr.)
   CDS 212  Elementary American Sign Language II (3 cr.)
   CDS 460  Clin. Prac. Beg Und Clinicians (1 cr.)
   CDS 461  Clinical Audiology Practicum (1 cr.)

C. COGNATE REQUIREMENTS 27-28

1. BIO 100  Concepts of Biology (4 cr.) or
   BIO 103  Concepts in Biology without Lab (3 cr.) or
   BIO 120  Human Biology (3 cr.)
2. CMM 101  Introduction 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 (3-4 cr.)
   Select a 100 level course in either Physics or Chemistry
8. Human Growth and Development: (6-7 cr.)
   Choose one of the following:
   PSY 321, PSY 412 or CLG 402 (3 cr.)
   Choose 3-4 credits from the following:
   Any upper level PSY course, or
   One of the following: HDF 211, HDF 332, or HDF 381

D. ELECTIVES 8-15

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum grade of C in all required Communication Sciences and Disorders (CDS prefix) courses.
2. A GPA of 2.85 in at least 15 college credits for current students to be eligible to declare the major.
3. A CDS course may only be repeated once.
4. No more than two CDS courses may be repeated.
5. 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.
6. A minimum GPA of 2.75 is required in CDS 240, CDS 241, CDS 342, and CDS 343 before a student can enroll in any other CDS courses.
7. A minimum overall GPA of 2.75 in all required major courses (Category B). Students who fall below a 2.75 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.
8. Completion of all college-wide degree requirements (Pages 58-60).
EXPEDITIONARY STUDIES DEPARTMENT

Associate Professor: J. Isaak (chairperson)
Assistant Professors: C. Henley, S. Maynard
Adjunct Faculty: six positions

Expeditionary studies offers a rigorous adventure education curriculum. The major prepares students to become outdoor leaders through an integrated program of academic reflection and advanced outdoor training. The course of study recognizes the dynamics of working in an outdoor setting and that outdoor leaders and educators must learn to manage challenging situations, both human and environmental, in that dynamic setting. The expeditionary studies curriculum offers a firm grounding in the liberal arts, in such courses as “The History and Culture of the Expedition,” “Outdoor Ethics,” and “Environmental Justice,” as the context for the integration of skill and knowledge. In addition to this foundation, the major requires a specialization leading to advanced training in either climbing, paddle sports, 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

<table>
<thead>
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<td>A. GENERAL EDUCATION REQUIREMENTS</td>
<td>33-34</td>
</tr>
<tr>
<td>B. MAJOR DEPARTMENTAL REQUIREMENTS</td>
<td>53-62</td>
</tr>
</tbody>
</table>

1. Core Foundations: (10 cr.)
   - EXP 101 The History and Culture of the Expedition (3 cr.)
   - EXP 121 Outdoor Living Skills (4 cr.)
   - EXP 221 Outdoor Living Skills II (3 cr.)

2. History and Culture Foundations: (9 cr.)
   select three courses
   - EXP 370 Outdoor Sport and Culture (3 cr.)
   - GEG 332 Environmental Justice (3 cr.)
   - HIS 330 The Cultural History of U.S. Exploration (3 cr.)
   - PHI 350 Environmental Ethics (3 cr.)
   - PHI 364 Outdoor Ethics (3 cr.)
   - SOC 367 Sociology of the Environment (3 cr.)

3. Capstones: (6 cr.)
   - EXP 435 Expedition Theory and Planning (AWR) (3 cr.)
   - EXP 436 Senior Expedition (3 cr.)

4. Disciplinary Specialization: (14-18 cr.)
   complete one specialization: climbing, paddlesports, or skiing
   a. Climbing: (16 cr.)
      - EXP 180 Intro. to Rock Climbing I (2 cr.)
      - EXP 183 Intro. to Ice Climbing (2 cr.)
      - EXP 380 The Rock Climbing Process (3 cr.)
      - EXP 381 The Rock Climbing Process II (3 cr.)
      or
      - EXP 384 The Ice Climbing Process (3 cr.)
      - EXP 480 Rock Climbing Leadership (3 cr.)
      - EXP 481 Rock Climbing Leadership II (3 cr.)
      or
      - EXP 484 Ice Climbing Leadership II (3 cr.)
   b. Free-heel Skiing: (14 cr.)
      - EXP 186 Free-heel Skiing (2 cr.)
      - EXP 386 The Backcountry Day Touring Process (3 cr.)
      - EXP 387 The Backcountry Multi-day Touring Process (3 cr.)
      - EXP 388 The Ski Mountaineering Process (3 cr.)
      - EXP 487 Backcountry Skiing Leadership (3 cr.)
   c. Paddlesports: (18 cr.)
      - EXP 122 Introduction to Paddlesports (2 cr.)
      - EXP 170 Movement and Balance in Kayaking (1 cr.)
      - EXP 252 Introduction to the Principles of Paddlesport Touring (2 cr.)
      - EXP 272 Planning Sea Kayak Journeys (1 cr.)
      - EXP 375 Kayak Touring (3 cr.)
      - EXP 376 Sea Kayaking: Intro. to the Ocean Environment (3 cr.)
      - EXP 475 Kayak Leadership (3 cr.)
      - EXP 476 Kayak Leadership II (3 cr.)

5. Supplemental Concentration: (14-16 cr.)
   selected from 1-11 below
   Selections from options 1-3 must differ from the specialization selected in “4. Disciplinary Specialization” and also require completion of all 8-12 credit hours to satisfy the total credit hour requirement of the “Supplemental Concentration.”
   a. Climbing: (10 cr.)
      - EXP 180 Intro. to Rock Climbing I (2 cr.)
      - EXP 183 Intro. to Ice Climbing (2 cr.)
      - EXP 380 The Rock Climbing Process (3 cr.)
      - EXP 381 The Rock Climbing Process II (3 cr.)
      or
      - EXP 384 The Ice Climbing Process (3 cr.)
   b. Free-heel Skiing: (8 cr.)
      - EXP 186 Intro. to Free-heel Skiing (2 cr.)
EXP 386  The Backcountry Day Touring Process (3 cr.)
EXP 387  The Backcountry Multi-day Touring Process (3 cr.)

c.  Paddlesports: (12 cr.)
   EXP 122  Introduction to Paddlesports (2 cr.)
   EXP 170  Kayak Movement and Balance (1 cr.)
   EXP 252  Introduction to the Principles of Paddlesport Touring (2 cr.)
   EXP 272  Planning Kayak Journeys (1 cr.)
   EXP 252  Introduction to Paddlesport Touring (2 cr.)
   EXP 375  Kayak Touring (3 cr.)
   EXP 376  Sea Kayaking: Intro. to the Ocean Environment (3 cr.)

d.  ENV 350  Introduction to GIS/Mapping (3 cr.)

e.  ENV 421  Environmental Law and Policy (3 cr.)

f.  EXP 303  Adventure Travel and Tourism (3 cr.)

g.  EXP 304  Expeditionary Studies International Field Practicum (3-15 cr.)

h.  EXP 360  Wilderness First Responder (3 cr.)
i.  EXP 496  Instructional Field Practicum (3 cr.)
j.  EXP 498  Internship (3-15 cr.)
k.  PED 203  Lifeguard Training (3 cr.)

6.  Additional Requirements: (0-3 cr.)
   a.  One of the following:
      Current Wilderness First Responder certification (0 cr.) or EXP 360  Wilderness First Responder (3 cr.) or Current Wilderness Emergency Medical Technician certification (0 cr.)
   b.  Completion of approved sophomore expedition.
   c.  Completion of required sections of EXP 100.

C.  ELECTIVES  24-34

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS  minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1.  A minimum overall GPA of 2.0 in all required major courses (Category B).
2.  Completion of all college-wide degree requirements (Pages 58-60).

HUMAN DEVELOPMENT AND FAMILY RELATIONS DEPARTMENT

Professor: M. Frost (chairperson)
Assistant Professor: O. Belser
Lecturers: N. Hughes, J. Oertel
Adjunct Faculty: Two positions

Human Development and Family Relations: Prepares students for careers in public and private human service agencies. Emphasis is on learning to help individuals and families solve problems related to child development, family relations, aging, nutritional planning for individuals and families, and family financial management. One semester of full-time, supervised field work required in a human service agency. All students must attend the mandatory orientation meeting that is scheduled during the semester prior to the internship. Failure to attend may result in postponement of the internship for one semester. Final decisions regarding admission to the senior internship experience are made by the HDFR internship coordinator upon recommendation of the HDFR faculty. 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. All students must attend the mandatory orientation meeting that is scheduled during the semester prior to the internship. Failure to attend may result in postponement of the internship for one semester. Final decisions regarding admission to the senior internship experience are made by the HDFR coordinator upon recommendation of the HDFR faculty. 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. All students must attend the mandatory orientation meeting that is scheduled during the semester prior to the internship. Failure to attend may result in postponement of the internship for one semester. Final decisions regarding admission to the senior internship experience are made by the HDFR internship coordinator upon recommendation of the
HDFR faculty. Students are prepared for graduate study in a related field.

**Adult Development and Aging Study Option in Human Development and Family Relations:** Prepares students for careers related to senior citizens and the elderly in public and private human service agencies. Examples of courses include adult development and aging; introductory and applied counseling techniques; psychology of adult development and aging; sociology of aging and death; and nutrition and the elderly. One semester of full-time, supervised field work required in a human service agency. All students must attend the mandatory orientation meeting that is scheduled during the semester prior to the internship. Failure to attend may result in postponement of the internship for one semester. Final decisions regarding admission to the senior internship experience are made by the HDFR internship coordinator upon recommendation of the HDFR faculty. 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 2.5 will be reviewed by the Academic Progress Committee and the HDFR chairperson to determine their eligibility to continue in the Human Development and Family Relations Program.

b. The human development and family relations faculty are in full cooperation with federal and state guidelines for the accommodation of students with learning and/or physical disabilities.

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

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

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

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

g. Practicum and internship candidates are expected to follow the external and professional practicum guidelines appropriate to their discipline (refer to specific department/program student/internship manual for details). Certain field placements require fingerprinting and/or background checks of all student participants prior to the start of the field experience or internship.

**HUMAN DEVELOPMENT AND FAMILY RELATIONS MAJOR**

**Bachelor of Science**

Curriculum 0416 Requirements

<table>
<thead>
<tr>
<th>CREDITS</th>
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<tbody>
<tr>
<td>33-34</td>
<td>A. GENERAL EDUCATION REQUIREMENTS</td>
</tr>
<tr>
<td>53</td>
<td>B. MAJOR DEPARTMENTAL REQUIREMENTS</td>
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**C. COGNATE REQUIREMENTS**

<table>
<thead>
<tr>
<th>CREDITS</th>
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<tr>
<td>12</td>
<td>1. CMM 101  Introduction to Public Speaking (3 cr.)</td>
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<tr>
<td></td>
<td>2. HED 487  Child Abuse and Neglect (3 cr.)</td>
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<tr>
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<td>3. SOC 101  Introduction to Sociology (3 cr.)</td>
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<td>4. PSY 101  General Psychology (3 cr.)</td>
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**D. ELECTIVES**

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<th>CREDITS</th>
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<tr>
<td>21-22</td>
<td>Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.</td>
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**TOTAL CREDITS**

| minimum 120 |

**ADDITIONAL 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: HDF 211, HDF 311, FNI 191, CLG 402, HDF 261, and HDF 314.
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 2.5 required. Students who fall below will be reviewed by faculty and department chairperson to determine their eligibility to continue to enroll in any other major courses.

ADDITIONAL DEGREE REQUIREMENTS
1. General Education courses must be approved as liberal arts.
2. 2.5 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 CEM and HDF prefixed course.
6. A minimum overall GPA of 2.5 in all required major courses (Category B).
7. Completion of all college-wide degree requirements (Pages 58-60).

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

A. GENERAL EDUCATION REQUIREMENTS 33-34
Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 54
1. CLG 402 Intro. to Counseling Techniques (3 cr.)
2. FNI 191 Nutrition and Well Being (3 cr.)
3. HDF 211 Child Development (4 cr.)
4. HDF 261 Intro. to Human Services (AWR) (3 cr.)
5. HDF 301 Planning Programs for Infants and Toddlers (4 cr.)
6. HDF 311 Family in Contemporary Society (3 cr.)
7. HDF 314 Mental Health Issues in Human Services (3 cr.)
8. HDF 334 Theoretical Foundations of Child Care (3 cr.)
9. HDF 381 Perspectives on Parenting (3 cr.)
10. HDF 385 Curriculum Development for Preschoolers (4 cr.)
11. HDF 401 Administering Child Care Facility (3 cr.)
12. HDF 405 Fieldwork in Child Care Mgmt. (12 cr.)
13. HDF 406 Seminar/Child Care Mgmt. (3 cr.)
14. HDF 411 Applied Child Care Administration (3 cr.)

C. COGNATE REQUIREMENTS 15
1. CMM 101 Introduction to Public Speaking (3 cr.)
2. HED 487 Child Abuse and Neglect (3 cr.)
3. PSY 101 General Psychology (3 cr.)
4. PSY 311 Survey of Human Development (3 cr.)
5. SOC 101 Introduction to Sociology (3 cr.)

D. ELECTIVES 17-18
Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL 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: HDF 211, HDF 311, FNI 191, CLG 402, HDF 261, and HDF 314.
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 2.5 required. Students who fall below will be reviewed by faculty and department chairperson to determine their eligibility to continue to enroll in any other major courses.

ADDITIONAL DEGREE REQUIREMENTS
1. General Education courses must be approved as liberal arts.
2. 2.5 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 CEM and HDF prefixed course.
6. A minimum overall GPA of 2.5 in all required major courses (Category B).
7. Completion of all college-wide degree requirements (Pages 58-60).
HUMAN DEVELOPMENT AND FAMILY RELATIONS MAJOR
Bachelor of Science
(Study Option in Adult Development and Aging)
Curriculum 0418 Requirements

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 50

1. CEM 361  Personal and Family Finance (3 cr.)
2. CLG 402  Introduction to Counseling Techniques (3 cr.)
3. CLG 403  Applied Counseling Techniques (3 cr.)
4. FNI 191  Nutrition and Well Being (3 cr.)
5. FNI 241  Nutrition in the Life Cycle (3 cr.)
6. HDF 211  Child Development (4 cr.)
7. HDF 261  Introduction to Human Services (AWR) (3 cr.)
8. HDF 309  Understanding Death, Dying, and Bereavement in Human Development (3 cr.)
9. HDF 311  Family in Contemporary Society (3 cr.)
10. HDF 314  Mental Health Issues in Human Services (3 cr.)
11. HDF 420  Adult Development and Aging (4 cr.)
12. One of the following; (3 cr.)
   PSC 240  State and Local Government (3 cr.) or
   PSC 380  Public Policy & Administration (3 cr.)
13. HDF 407  Field Work in Adult Development and Aging (12 cr.)
14. HDF 408  Seminar in Adult Development and Aging (3 cr.)

C. COGNATE REQUIREMENTS 15

1. CMM 101  Introduction to Public Speaking (3 cr.)
2. PSY 101  General Psychology (3 cr.)
3. PSY 311  Survey of Human Development (3 cr.)
4. PSY 416  Psychology of Adult Development & Aging (3 cr.)
5. SOC 101  Introduction to Sociology (3 cr.)

D. ELECTIVES 21-22

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL 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: HDF 211, HDF 311, FNI 191, CLG 402, HDF 261, and HDF 314.
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 2.5 required. Students who fall below will be reviewed by faculty and department chairperson to determine their eligibility to continue to enroll in any other major courses.

ADDITIONAL DEGREE REQUIREMENTS

1. General Education courses must be approved as liberal arts.
2. 2.5 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 CEM and HDF prefixed course.
6. A minimum overall GPA of 2.5 in all required major courses (Category B).
7. Completion of all college-wide degree requirements (Pages 58-60).

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

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 40

1. CEM 151  Personal Resource Management (3 cr.)
2. CLG 402  Introduction to Counseling (3 cr.)
3. CLG 403  Applied Counseling Techniques (3 cr.)
4. FNI 191  Nutrition and Well Being (3 cr.)
5. HDF 211  Child Development (4 cr.)
6. HDF 261  Intro. to Human Services (AWR) (3 cr.)
7. HDF 311  Family in Contemporary Society (3 cr.)
8. HDF 314  Mental Health Issues in Human Services (3 cr.)
9. HDF 409  Field Work in Adolescence (12 cr.)
10. HDF 410  Seminar in Adolescence (3 cr.)
11. HDF 421  Adolescence & Society (3 cr.)

C. COGNATE REQUIREMENTS 27

1. CMM 101  Introduction to Public Speaking (3 cr.)
2. HED 310  Foundations of Personal Health (3 cr.)
3. HED 487  Child Abuse and Neglect (3 cr.)
4. PSY 311  Survey of Human Development (3 cr.)
5. PSY 415  Adolescence, Youth, and Early Adulthood (3 cr.)

TOTAL CREDITS minimum 120
NURSING DEPARTMENT

Professor: J. Gleeson-Kreig
Associate Professors: A. Bongiorno, N. Houck (chairperson), W. Sayward, N. Scanlan, L. Wells
Assistant Professors: S. Hanshaw, J. Thate
Professionals: H. Moussa, S. Charles
Adjunct Faculty: Fourteen positions

Nursing Programs

The nursing programs at SUNY Plattsburgh prepare students for excellence in nursing practice and ready for health care today. All of the undergraduate programs lead to a Bachelor of Science with a major in nursing. Students work with dedicated faculty and industry leaders to provide health care to their communities in the state and globally. Our programs provide students with outstanding resources and experiences found in few schools including a state-of-the-art simulation center with high-fidelity mannequins, integrated electronic medical record (EMR), and online access to classroom resources. All programs include progressive clinical experiences and exclusive opportunities to partner with agencies locally and throughout New York state. Program policies can be found in the college catalog and in the nursing student handbook.

Students enter the major either as an(430,631),(578,645)licensed freshman (Nursing Major) or as a registered nurse (RN-BS Program). The department is the home of Gamma Delta Chapter of Sigma Theta Tau International Honor Society of Nursing. Our active Student Nurses Association supports student involvement and success. In addition, students are eligible to join the National Student Nurses Association (NSNA) which offers programs focused on student transition into the profession.

The nursing programs are registered by the New York State Education Department (80 Washington Avenue, Albany, N.Y., 12234, 518-474-3852) and fully accredited by the Commission on Collegiate Nursing Education (CCNE, One Dupont Circle, NW Suite 530, Washington, DC 20036, 202-463-6930). The program holds membership in the American Association of Colleges of Nursing (AACN) and the New York State Council of Deans of Baccalaureate and Higher Education Nursing Programs.
NURSING MAJOR
Bachelor of Science
Curriculum 0202 Requirements

The Nursing Major, a freshmen entry program is a degree for high school graduates that leads to a Bachelor of Science (B.S.) in Nursing and eligibility to take the National Council Licensure Exam for Registered Nurses (NCLEX-RN). This program is offered at the SUNY Plattsburgh campus.

Admission
Admission to the major is competitive and is contingent upon academic qualifications and availability. Candidates must meet the general admission requirements to the college in addition to the following requirements:

1. Freshman applicants: three units of high school science (including biology and chemistry) and three units of high school mathematics.
2. International applicants whose native language is not English: must achieve a score on the Test of English as a Foreign Language (TOEFL) of 560 on the paper examination or 83 on the online version.
3. Transfer applicants: achieve an overall grade point average of 2.5 on a 4.0 scale for courses completed at another accredited college or university.

Transfer Policy
Courses completed at another accredited institution of higher education are evaluated for transfer in accordance with guidelines established by the university system, the college, and the policies specific to the Department of Nursing and Nutrition. Credit for Anatomy and Physiology courses will be accepted only if parts I and II are taken at the same institution or course equivalency has been approved by the Department.

Change of Major Policy
Students who wish to declare a major in nursing after admission to the college must first obtain approval from the Department of Nursing and Nutrition. Admission to the major is highly competitive, contingent on academic qualifications and available space. An overall grade point average of at least 2.5 on a 4.0 scale for all college-level course work is required. Students who have completed all pre-requisite courses normally taken in the freshman year of the nursing major may be considered. Requests for fall entry to the first nursing course are considered following the April 1st application deadline. Interested students may seek more information and complete an application form at the Department of Nursing and Nutrition office.

Progression Policy
To progress within the nursing major students must:

1. Achieve a grade of C or better (P grades are not acceptable) in all required major courses (nursing and cognate). Students who earn less than a C grade must repeat the course.
2. Earn a grade of C or better, when repeating a course. If a student earns a grade less than a C in the repeated course, regardless of where it is taken, he or she will be dismissed from the major.
3. Repeat no more than two required major courses (nursing and cognate). A student who receives less than a C in a third course will be dismissed from the major.
4. Complete all cognate courses and have an overall minimum GPA of 2.5 to enter upper division, junior level nursing courses. A student who does not meet this may remain in the major and take courses to raise the GPA.
5. Demonstrate satisfactory performance in both clinical and theory sections of a course to receive a passing grade (C or better).
6. It is the position of the Nursing Department that the entire period of a student’s enrollment in the program is a continual professional development experience. Students are expected to behave in a manner consistent with the accepted standards of professional and ethical behavior of the department and the American Nurses Association. Any deviation from these standards will be reviewed by the department for a recommendation of corrective action, including possible dismissal from the program and/or college.
7. Students who withdraw from the program must apply for readmission through the campus readmission process for the Nursing Program. Readmission is not guaranteed and may be dependent on many factors including academic history, strength of application, professional comportment, clinical performance, and space in the program.

Clinical Policy
All clinical practice during coursework must have school approval, faculty supervision, and an affiliation agreement. Documentation of clinical readiness must be on file prior to the first day of the academic year in which the student takes a clinical or practice component. Failure to submit completed documentation prevents admission to the clinical experience, which may result in an unsatisfactory grade in the course. Student will demonstrate clinical readiness by knowing and meeting the following requirements:

1. Health Requirements. Students will show satisfactory evidence of current immunization for: measles, mumps, rubella and varicella; tetanus; an annual health examination; and annual tuberculosis screening. Annual influenza vaccine is required unless a medical contraindication exists, in which case a mask will be worn in the clinical setting throughout the designated influenza season. Vaccination against hepatitis B is recommended or a declination statement must be signed.
2. Professional Liability. Provide evidence of professional liability insurance coverage throughout the program.
3. CPR. Current certification in adult, child and infant CPR that is renewed throughout the program.
4. Transportation. Transportation arrangements and costs to clinical sites are the student's responsibility.
5. Uniforms. Uniforms, lab coats, and personal equipment are supplied by the student, specific requirements are found in the student handbook.
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

6. Readiness for Class and Clinical. Students must meet standards for role performance within guidelines of reasonable accommodations. In situations where accommodations are needed, the student and Department will consult with the Student Support Services Office.

7. Background checks and/or drug screening. Student screening may be required by affiliating clinical agencies or due to suspicious student behavior in the clinical or laboratory settings. Associated fees will be the responsibility of the student. Students deemed unfit for clinical may be subjected to on-the-spot testing and jeopardize program completion. See student handbook for more information.

NURSING MAJOR
Bachelor of Science
Curriculum 0202 Requirements

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 60

1. NUR 313 Foundations of Nursing (4 cr.)
2. NUR 314 Health Assessment (4 cr.)
3. NUR 326 Health Promotion and Social Justice (3 cr.)
4. NUR 327 Application of Research in Nursing Practice (3 cr.) (AWR)
5. NUR 332 Topics in Pathophysiology (2 cr.)
6. NUR 347 Pharmacotherapy and Nursing (3 cr.)
7. NUR 362 Care of Adults I (6 cr.)
8. NUR 363 Care of Adults II (6 cr.)
9. NUR 370 Maternal Child Nursing I (4 cr.)
10. NUR 425 Public Health Nursing (4 cr.)
11. NUR 428 Management and Leadership (4 cr.) (OE)
12. NUR 435 Psychiatric - Mental Health Nursing (4 cr.)
13. NUR 464 Care of Adults III (5 cr.)
14. NUR 466 Transition to Professional Practice (5 cr.)
15. NUR 473 Maternal Child Nursing II (3 cr.)

C. COGNATE REQUIREMENTS 34-35

1. BIO 202 Introduction Microbiology (3 cr.) or BIO 203 Microbiology (4 cr.)
2. BIO 326 Human Anatomy and Physiology I (4 cr.)
3. BIO 327 Human Anatomy and Physiology II (4 cr.)
4. CHE 101 General Chemistry (4 cr.)
5. CHE 271 Introduction to Organic and Biochemistry (4 cr.)
6. FNI 211 Human Nutrition (3 cr.)
7. MAT 161 Introductory Statistics (3 cr.)
8. PSY 101 General Psychology (3 cr.)
9. PSY 311 Survey of Human Development (3 cr.)
10. SOC 101 Introduction to Sociology (3 cr.)

D. ELECTIVES 0

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS

1. A minimum grade of C must be earned in all departmental nursing and cognate (required non-nursing) courses.
2. A minimum overall GPA of 2.0 in all required major courses (Category B).
3. Completion of all college-wide degree requirements (Pages 58-60).

NURSING: RN-TO-BS PROGRAMS
Bachelor of Science
Upper Division, RN-to-BS Program
Curriculum 0203 and 0273 Requirements

The RN-to-BS Nursing Program is a degree completion program for students with an associate degree or diploma in nursing. This program option is for students who are eligible for licensure as a registered nurse (RN) and seek to advance their education through earning a BS degree. Students must provide an unencumbered license to practice in New York. The program is available in an online format to nurses across New York state and through classroom-based courses at the SUNY Plattsburgh Branch Campus at Queensbury and at the University of Vermont Champlain Valley Physician's Hospital (CVPH) in Plattsburgh. These options provide RNs the opportunity to continue their nursing and liberal arts studies in a challenging and supportive climate. Individuals seeking to complete the BS degree in nursing may apply during the last year of the associate degree or diploma program in nursing, or after licensure. Additional information regarding the RN-to-BS programs can be obtained by contacting the Nursing Department.

Admission
Admission to the RN-to-BS Nursing Program, in addition to meeting the general admission requirements to SUNY Plattsburgh, applicants must:
1. Be a graduate of a nursing program that is approved by the legal body that registers nursing programs in the state or Canadian province in which the program is located. Students who are within one year of completion of a registered nurse program may apply for admission, but must graduate prior to beginning classes.
2. Hold an unencumbered New York state license and current registration as a registered nurse. Conditional acceptance for graduate nurses dependent on passing the licensure exam within the first semester enrolled.
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

3. Have overall grade point average of 2.5 on a 4.0 scale for courses completed at another college or university.

4. Have completed courses that are part of the SUNY Transfer Path, including Composition I, Introduction to Psychology, Microbiology, Anatomy and Physiology I and II with labs. Cases that present exceptions to the admission requirements are considered by the Chairperson in collaboration with the Admissions Office, the RN-to-BS Coordinator, and the Academic Standards Committee.

Transfer Policy
Students transferring from two-year colleges may be granted a maximum of 67 credits; students transferring from four-year colleges may be granted a maximum of 84 credits. A minimum of 30 nursing credits and a maximum of 34 credits will be awarded to graduates of RN programs in recognition of basic nursing preparation, as validated by holding an unencumbered license to practice as a registered professional nurses (RN) in New York state and successful completion of NUR 350. Students in the RN-to-BS program must meet the undergraduate residency requirement of SUNY Plattsburgh, but are exempt from the Senior Residency Requirement. Credit for Anatomy and Physiology courses will be accepted only if parts I and II are taken at the same institution of course equivalency has been approved by the Department.

Progression Policy
To progress within the nursing major students must:
1. Achieve a grade of C or better (P grades are not acceptable) in all required major courses (nursing and cognate). Students who earn less than a C grade must repeat the course.
2. Earn a grade of C or better, when repeating a course. If a student earns a grade less than a C in the repeated course, regardless of where it is taken, he or she will be dismissed from the major. 3. Repeat no more than two required major courses (nursing and cognate). A student who receives less than a C in a third course will be dismissed from the major.
4. Demonstrate satisfactory performance in both clinical and theory sections of a course to receive a passing grade (C or better).

Applied Learning Experiences
The applied learning experiences in the RN-BS programs offer students exceptional opportunities to diversify their experience and gain skills necessary to advance their careers. Course-based experiential learning is a hallmark of a high quality nursing education. Our clinical coordinator works with students to find appropriate experiences in their region. The clinical policies that apply to these experiences are in the student handbook and under NURSING MAJOR above.

NURSING MAJOR
Bachelor of Science (Upper Division)
Curriculum 0203 Requirements (RN-to-BS Program, Online, SUNY Plattsburgh Main Campus)
Curriculum 0273 Requirements (RN-to-BS Program, SUNY Plattsburgh Branch Campus at Queensbury)

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 60

1. RN transfer students will have a minimum of 30 cr. and a maximum of up to 34 cr. granted for prior nursing courses in the following content areas:
   a. Nursing Fundamentals/Foundations
   b. Pharmacology
   c. Maternal/Child Nursing
   d. Care of Adults
   e. Psychiatric/Mental Health Nursing

2. Nursing Credits taken at SUNY Plattsburgh: (26 cr.)
   a. NUR 304 Health Assessment (3 cr.)
   b. NUR 326 Health Promotion and Social Justice (3 cr.)
   c. NUR 327 Application of Research in Nursing Practice (AWR) (3 cr.)
   d. NUR 342 Nursing Informatics (3 cr.)
   e. NUR 350 Theoretical Foundations of Nursing (3 cr.)
   f. NUR 425 Public Health Nursing (4 cr.)
   g. NUR 428 Management and Leadership (4 cr.)
   h. NUR 437 Public Policy and Professional Nursing (3 cr.)

C. COGNATE REQUIREMENTS 34-35

1. BIO 202 Introduction to Microbiology (3 cr.) or 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.)
D. ELECTIVES 0

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. Requirements of the Progression Policy of the nursing program must be met.
2. The undergraduate residency requirement of SUNY Plattsburgh must be met, but the senior residency requirement does not apply.
3. NUR 350 must be taken prior to senior (400-level) nursing courses.
4. The program must be completed within six years of beginning the first nursing course.
5. A minimum overall GPA of 2.0 in all required major courses (Category B).
6. Completion of all college-wide degree requirements (Pages 58-60).

NUTRITION DEPARTMENT

Associate Professor: J. Gran-Henriksen (chairperson)

Assistant Professors: A. Durant, C. Gregoire, T. Vance

Adjunct Faculty: One position

The Nutrition Program prepares students for careers in nutrition, food service systems management, and related areas. This is a didactic Program in Dietetics (DPD), which means that it is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) and meets the academic requirements for registered dietitian status.

To take the registration exam, attainment of the college degree must be followed by supervised professional experience obtainable through ACEND-approved or accredited programs such as a dietetic internship. Students may apply for internship admission in the senior year.

The mission of the Nutrition Program at SUNY Plattsburgh is to graduate students who are successfully prepared to enter a dietetic internship, graduate program, or employment in community, clinical or food service settings or to take the registered diet technician exam.

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

A. GENERAL EDUCATION REQUIREMENTS 33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS 45

1. FNI 101 Intro. to Careers in Nutrition and Dietetics (1 cr.)
2. FNI 211 Human Nutrition (3 cr.)
3. FNI 241 Nutrition in the Life Cycle (3 cr.)
4. FNI 261 Organization and Management (3 cr.)
5. FNI 301 Nutrition Ed. and Counseling (4 cr.)
6. FNI 350 Research Methods in Health and Nutrition (3 cr.)
7. FNI 362 Food Preparation (4 cr.)
8. FNI 441 Community Nutrition (3 cr.)
9. FNI 443 Food Science (4 cr.)
10. FNI 445 Advanced Nutrition (4 cr.)
11. FNI 446 Medical Nutrition Therapy I (3 cr.)
12. FNI 448 Seminar in Dietetics (AWR) (3 cr.)
13. FNI 450 Food Service Delivery Mgmt. (4 cr.)
14. FNI 451 Medical Nutrition Therapy II (3 cr.)

C. COGNATE REQUIREMENTS 48

1. BIO 101 General Biology (4 cr.)
2. BIO 203 Microbiology (4 cr.)
3. BIO 326 Human Anatomy & Physiology I (4 cr.)
4. BIO 327 Human Anatomy & Physiology II (4 cr.)
5. CHE 111 Principles of Chemistry I (4 cr.)
6. CHE 112 Principles of Chemistry II (4 cr.)
7. CHE 240 Fund. of Organic Chemistry (5 cr.)
8. CHE 371 General Biochemistry (4 cr.)
9. CMM 101 Introduction to Public Speaking (3 cr.)
10. MAT 161 Introductory Statistics (3 cr.)
11. PED 333 The Science of Exercise (3 cr.)
12. PSY 101 General Psychology (3 cr.)
13. SOC 101 Introduction to Sociology (3 cr.) or ANT 102 Comparative Cultures (3 cr.)

D. ELECTIVES 0

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. Minimum grade of “C” in all required nutrition (FNI) and cognate courses.
2. Required cognate and nutrition courses can be repeated only once.
3. A student may repeat no more than three required cognate and nutrition courses.
SOCIAL WORK DEPARTMENT

Assistant Professors: K. McCoy Coleman, V. Young (chairperson)

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 and a minimum of 57 credits.

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

Admission requirements include substantial completion of SUNY Plattsburgh's General Education program, or its equivalent as determined by admissions. Applicants must have completed: SOC 101, PSY 101, MAT 161, and BIO 100 or BIO 103 (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 SWK 260 Introduction to Social Welfare in those instances in which a formal articulation agreement exists. No academic credit for life experience or previous work experience will be granted under any circumstances.

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

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

SOCIAL WORK MAJOR

Bachelor of Science

Curriculum 0412 Requirements

A. GENERAL EDUCATION REQUIREMENTS

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Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS

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1. SWK 260 Introduction to Social Welfare (3 cr.)
2. SWK 300 Human Behavior and the Social Environment I (3 cr.)
3. SWK 302 Generalist Practice I (3 cr.)
4. SWK 303 Human Behavior and the Social Environment II (3 cr.)
5. SWK 304 Social Welfare in Comparative Perspective (AWR) (3 cr.)
6. SWK 305 Cultural and Ethnic Diversity (3 cr.)
7. SWK 307 The Organizational Context of Social Work (3 cr.)
8. SWK 309 Social Work with Groups (3 cr.)
9. SWK 401 Generalist Practice II (3 cr.)
10. SWK 402 Generalist Practice III (3 cr.)
11. SWK 403 Field Practicum in Social Work I (3 cr.)
12. SWK 404 Field Practicum in Social Work II (3 cr.)
13. SWK 405 Research Methods in Social Work (3 cr.)
14. SWK 408 Field Practicum Seminar in Social Work I (1 cr.)
15. SWK 409 Field Practicum Seminar in Social Work II (1 cr.)
16. SWK 460 Social Policy (3 cr.)
17. Social Work Electives: (6 cr.)
18. SWK 101 Introduction to Social Work (3 cr.)
19. SWK 306 Social Work and Mental Health (3 cr.)
20. SWK 308 Selected Topics in Social Work (3 cr.)
21. Issues in Family Violence (3 cr.)

C. COGNATE REQUIREMENTS

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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.)
   - GWS 101 Intro. to Women's Studies (3 cr.)
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

FITNESS AND WELLNESS
LEADERSHIP MAJOR
Bachelor of Science
Curriculum 0370 Requirements

A. GENERAL EDUCATION REQUIREMENTS  33-34

Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.

B. MAJOR DEPARTMENTAL REQUIREMENTS  55-56

1. Introductory Courses: (6 cr.)
   a. PED 210  Introduction to Fitness and Wellness Leadership Major (2 cr.)
   b. PED 212  Introduction to Personal Fitness Training (2 cr.)
   c. PED 214  Advanced Personal Fitness Training (2 cr.)

2. Fitness/Wellness Component: (25-26 cr.)
   a. FNI 211  Human Nutrition (3 cr.)
   b. PED 201  CPR/AID (0-1 cr.)
   c. PED 333  Science of Exercise (3 cr.)
   d. PED 334  Kinesiology (3 cr.)
   e. PED 336  Fitness Programming (3 cr.)
   f. PED 337  Group Exercise Programming (3 cr.)
   g. PED 338  Supplemental & Ergogenic Aids (2 cr.)

The department offers a major in Fitness and Wellness Leadership, minors in Coaching and Personal Trainer, and a wide variety of elective courses in wellness, personal fitness, physical education activities, coaching, and American Red Cross certification programs.

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

In addition, students majoring in Fitness and Wellness Leadership are prepared to complete a minor in marketing and/or in business and to enter graduate school programs.

Admission to the Fitness and Wellness Leadership Major is competitive and is contingent upon academic qualifications. Approximately 30 students are accepted into the major each year. Three units of high school science are required for incoming freshmen.

Physical education offerings encompass wellness, fitness improvement, and skill development with an emphasis on lifetime sports 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, science of exercise, fitness programing, and principles of athletics in education. The department also administers the intercollegiate program, intramurals and recreation, and the Fitness Center. (See the student life and student services section of this catalog.)

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3. Successful completion of SWK 403-SWK 404 Field Practicum.
4. Completion of all college-wide degree requirements (Pages 58-60).

D. ELECTIVES  18-19

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS  minimum 120

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 SOC 101, PSY 101, MAT 161, and BIO 100 or BIO 103 and suitability for a career in social work.
   b. Attainment of GPA of 2.5 or higher.
   c. Completion of the application form.
2. A minimum Social Work major GPA of 2.5 each semester for the junior and senior years. (Category B).
3. Successful completion of SWK 403-SWK 404 Field Practicum.
4. Completion of all college-wide degree requirements (Pages 58-60).

SPORT AND WELLNESS DEPARTMENT

Chairperson: V. Carey (Interim chairperson)
Associate Professor: K. Baldwin
Professional Staff: R. Cavanaugh (coach), M. Christiansen (field house director), C. Cole (coach), C. Conover (Assistant Coach), T. Corey (group exercise director), T. Curle (coach), B. Devolenthal (athletic director), K. Doorey (coach), Stephanie Dutton (sports information director), W. Edwards (assistant coach), R. Erney (coach), K. Fraser (equipment manager), N. Goguen (assistant coach), B. Graves (assistant to field house director), K. Houle (coach), N. Jones (coach), M. LaMere (assistant fitness center director), B. Micheels (assistant coach), S. Moffat (assistant coach), D. O’Connell (coach), J. Pachter (athletic trainer), M. Rodovick (assistant coach), M. Salvatore (fitness center director), G. Spear (assistant coach), M. Stata (assistant AD/coach), L. Vicencio (assistant athletic trainer), C. Waterbury (coach), K. Wiley (coach), Stephanie Zwieg (coach)

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HIS 303  History of American Women (3 cr.)
SOC 305  Sociology of Women (3 cr.)
6. PSY 101  General Psychology (3 cr.)

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TEACHER EDUCATION UNIT

Professors: R. Ackland, K. Grant (M.S.Ed. program area coordinator), H. Schnackenberg, D. Selwyn,
Associate Professors: M. Beatham, Q. Lin, D. Simard (undergraduate program area coordinator)
Assistant Professors: E. Daniels, D. Iasevoli, M. Martin, A. Puliatte, A. Simms, M. Squires, Y. Yu
Co-Directors of Field Experience and Student Teaching: A. Gervich, C. McCarty
Director of Certification & Graduate Advising: B. DelGaudio
Clinical Faculty: A. Gervich, M. Timmons
Outreach/Partnership Coordinators: H. Christiansen, Tracey Howard
Project CONNECT Site Directors: E. Grimshaw, A. Patnode, L. Butts

National Accreditation
The SUNY College at Plattsburgh's Teacher Education programs, which are designed to prepare competent, qualified, and caring teachers for tomorrow's schools, are accredited by the Teacher Education Accreditation Council for a period of 5 years, from October 2014 to October 2021.

Notice of Education Program Changes
Because teacher education certification programs and requirements may change, it is the student's responsibility to be aware of all graduation requirements necessary for certification. Education majors should check with the Co-Directors of Field Experience and Student Teaching, consult with the appropriate program leader, attend group advising sessions and make regular appointments with their advisors in order to select and schedule courses. All certification questions should be directed to the Office of Certification and Graduate Advising (Sibley 302A, 518-564-2124). The Teacher Education Unit 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 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 a TEACH tutorial.
NYS Teacher Certification Titles

Initial Certificate
- Earned baccalaureate degree
- Complete certification exams
- Lifespan: valid for five years

NOTE: Information regarding Certification Test requirements can be accessed at www.nystce.nesinc.com.

Professional Certificate
- Completed master's degree
- Three years of school teaching, including mentored first year with three successful evaluations
- Lifespan: renewable every five years, with mandated professional development hours.

Effective September 1, 2009 coursework or training in the Needs of Children with Autism is required for all applicants seeking teaching certificates in all areas of Special Education. For students enrolled in the Special Education graduate programs and the BS/MSED Childhood Special Education programs the courses that provides this content is EDS 424 and EDS 524.

NOTE: These requirements may change. Be sure to refer to the New York State Teacher Certification Examinations website www.nystce.nesinc.com. Other information concerning requirements and amendments to certification are specified in Parts 52.2 and 80 of the current NYS Education Department regulations. (M.S.T. candidates should consult with the Office of Certification, Sibley 302A/400 518-564-2124/3064.)

Shared Vision
Our purpose is to prepare educators who are competent, caring, and qualified; who are rooted in the college’s strong liberal arts tradition; and who endeavor to practice professionally, exemplifying ethical and democratic principles in a complex world. Concurrent with academic study, our professional teacher education programs include essential early and continuous learning experiences in field settings. In partnership with college departments, schools, and communities, our professional education programs prepare reflective educators at the initial level, and proficient reflective educators at the advanced level. The professional education faculty shared vision ensures coherence among content knowledge, pedagogy, field experiences, and student performance for all teaching preparation programs. It reflects our commitment to prepare educators to work with ALL students.

Degrees and Programs in Education

Childhood Education (Grades 1-6):
The Bachelor of Science requires at least 60 credit hours in liberal arts, including electives. Childhood education majors select an appropriate area of academic concentration. To learn more about the concentrations, visit our website www.plattsburgh.edu/academics/education/childhood.

Literacy Education and Special Education:
See the combined B.S./M.S.Ed. Childhood Education/Literacy Education and B.S./M.S.Ed. Childhood Education/Special Education in the Combined Programs section of this catalog.

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

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

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

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

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

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

1. Students must have accumulative GPA of at least 3.0 to enter the program and to remain in the program. Education majors who fail below a 3.0 minimum GPA may be dismissed from the program.
2. Minimum grade of C or better in English 101. Students
who are admitted to an education program must complete all required education courses with a C or better in order to continue to the next higher level in the education sequence.

3. Students who exhibit deficiencies in professional behavior and/or teaching performance, regardless of GPA, may be subject to dismissal from the program.

An advisor will assist students in making appropriate professional decisions.

Pre-Student Teaching Education Program and Field Experience (e.g. Practicums/Internships)

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

Early Field Experience (Project CONNECT)

Requirements:

In order to be placed in your undergraduate program early field experience, Project CONNECT (after school program), teacher candidates must complete a full background check as prescribed by The Office of Children and Family Services (OCFS). The background check includes:

1. A Statewide Central Register Database check which requires a $25.00 money order made out to The Office of Children and Family Services.
2. A completed caregiver medical statement signed by a physician, physician's assistant, or nurse practitioner.
3. Results of a tuberculin test, completed within the last year.
4. A signed criminal conviction statement.
5. The names, addresses, and phone numbers for three references.
6. A completed qualifications page or resume.
7. A signed mandated reporter attestation.
8. Fingerprint completed for OCFS for "Child Day Care". Fingerprint taken for NYSED will not be accepted for these purposes. There is no cost for fingerprinting through OCFS.
9. A request for Staff Exclusion List Check Form.

Field Experience (Student Teaching)

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

Admission to Student Teaching

Education majors must meet certain requirements to qualify for admission to the senior field experience (student teaching). These are:

1. Attendance in the spring semester (1 to 2 semesters prior to student teaching) at a mandatory student teaching application session;
2. Completion of the appropriate student teaching application form and all other required data forms;
3. Minimum grade of C in ENG 101 Composition (or ENG 101 College Writing I);
4. Completion of all required coursework in general education and area of concentration;
5. A minimum grade of C in all concentration courses;
6. Completion of all required professional education courses through the semester preceding the field experience with no grade below a C;
7. Completion of all required work in the academic specialization by the semester preceding the student teaching;
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. Meets dispositional standards according to TEU faculty and degree program specifications.
12. Completion of portfolio materials in keeping with program guidelines.

Final decisions regarding admission to the field experience are made by the college's Co-Directors and Field Experiences and Student Teaching upon the recommendation of the teacher education faculty.

NOTE: No other courses can be taken during student teaching.

Requirements for All Education Programs

Fingerprinting:

Education majors seeking teacher certification must submit a fingerprint application on the TEACH system, pay the fee, and have their fingerprints taken and sent to NYSED.

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
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

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

CREDITS

A. GENERAL EDUCATION REQUIREMENTS 33-34

1. Up to 14 credits of prerequisite coursework may be required to satisfy GE and will count as elective credit.
2. General Education courses will not count toward Generalist Content.

B. MAJOR DEPARTMENTAL REQUIREMENTS 50

1. EDU 118 Human Growth and Development (3 cr.)
2. EDU 120 Exploring Teaching, Learning and Human Development (3 cr.)
3. EDU 130 Ethics, Relationships, and Multicultural Competencies in Education (3 cr.)
4. EDU 230 Social Contexts in Learning (3 cr.)
5. EDU 240 Introduction to Instructional Planning (3 cr.)
6. EDU 325 Teaching Methods I: Connecting Pedagogy in Reading and Writing, Content Areas and Special Education (AWR) (6 cr.)
7. EDU 335 Teaching Methods II: Connecting Pedagogy in Reading and Writing, Content Areas, and Special Ed (6 cr.)
8. EDU 465 Curriculum Design: Implementation of Integrated Instruction Planning, Assessment of Student Learning and Classroom Community/Organization (AWR) (OE) (6 cr.)
9. EDU 475 Practitioner Research in the Classroom (2 cr.)
10. EDT 494 Student Teaching (12 cr.)

C. COGNATE REQUIREMENTS 10

1. EDR 315 Supporting Success for English Language Learners (3 cr.)
2. EDR 360 Using Children's Literature and Trade Books in the Classroom (3 cr.)
3. EDS 410 Foundations of Special Education (3 cr.)
4. EDU 321 Ethics, and Professional Responsibilities for Classroom Teachers (1 cr.) (course fulfills child abuse and neglect, school violence, and substance abuse awareness)
5. Students must complete a two-semester, beginning-level sequence or demonstrate proficiency in in a language other than English or in American Sign Language. The second semester language also satisfies the GE foreign language requirement (0-6 cr.)

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

New York State Teacher Certification
In order to obtain NYS teacher certification, one must successfully complete certificate exams; submit a fingerprint package to NYS; accept TEACH waiver consent on Banner Web account; and apply and pay for NYS teacher certification. Pass rates are available at www.plattsburgh.edu/academics/education/teacherexampassrates.php.

Teacher Education Unit Administrative Office
Office: Sibley 302, Plattsburgh, NY 12901
Phone: 518-564-2122 Fax: 518-564-2149

and maltreatment. If this requirement has not been met by completing HED 310 or an equivalent course at Plattsburgh, candidates should contact their local BOCES for further information. A copy of the BOCES certificate of completion must be forwarded by the student to the Registrar's Office for annotation on the student's academic record.

School Violence Prevention and Intervention Instruction:
Education majors seeking teaching certification must complete a minimum of six clock hours of instruction in School Violence Prevention and Intervention. Undergraduate students completing HED 310 at SUNY Plattsburgh after the fall 2000 semester, EDU 5110, or EDU 5120 will have met this requirement. All others should call their local BOCES for further information. A copy of the BOCES certificate of completion must be forwarded by the student to the Registrar's Office for annotation on the student's academic record.

DASA Dignity for All Students Act
All students who seek certification in teaching must complete a minimum of six clock hours of instruction regarding the Dignity for All Student Act (DASA) training in Harassment, Bullying, and Discrimination Prevention and Intervention. The requirements can be met by the satisfactory completion of EDU 230, EDU 380, EDS 507, EDS 543, and EDR 513 at SUNY Plattsburgh.

Graduation (Exit) Requirements for All Education Programs
In order to graduate from SUNY Plattsburgh with a degree in education, undergraduates must meet the following graduation (exit) requirements:
1. Completion of all general education, concentration, and professional education course requirements;
2. Minimum overall GPA of 2.75;
3. No education courses including HED 310 below a C;
4. Successful completion of student teaching (P);
5. As part of the approved Undergraduate and Combined programs the State Education modules of substance abuse awareness, child abuse and neglect, DASA, school violence prevention and intervention instruction;
6. Completion of foreign language requirement;
7. Completion of all field-related requirements; and
8. Application for graduation.

NOTE: Failure to complete student teaching successfully prohibits a student from obtaining a degree in education.
D. CONCENTRATION 30

1. Generalist Content: (minimum 15 cr. including 9 upper level credits)
   Teacher candidates must take one option from each of the following categories to address the content knowledge needs of a childhood education teacher. A minimum of 9 credits (3 of the 5 core categories) must be satisfied at the 300 or 400 level. Courses must be in addition to courses used to fulfill General Education.

a. English Language Arts:
   Select one of the following
   - ENG 122 Grammar and Punctuation Workshop (3 cr.)
   - ENG 160 Introduction to Poetry (3 cr.)
   - ENG 161 Introduction to Fiction (3 cr.)
   - ENG 195 Fundamentals of Literary Study I: The Literary Text (3 cr.)
   - ENG 196 Fundamentals of Literary Study II: Trends and Movements (3 cr.)
   - ENG 201 Creative Writing (3 cr.)
   - ENG 208 Introduction to Writing Poetry (3 cr.)
   - ENG 209 Introduction to Writing Fiction (3 cr.)
   - ENG 270 Introduction to African American Literature (3 cr.)
   - ENG 295 Ancient Myth and Modern Mythmaking (3 cr.)
   - ENG 301 Expository Writing (3 cr.)
   - ENG 302 Writing Poetry (3 cr.)
   - ENG 303 Writing Fiction (3 cr.)
   - ENG 340 Literary Criticism (3 cr.)
   - ENG 346 20th Century American Literature to 1960 (3 cr.)
   - ENG 347 American Literature Since 1960 (3 cr.)
   - ENG 353 The Literature of Witness and Trauma (3 cr.)
   - ENG 368 Grammar for Writing (3 cr.)
   - ENG 374 Anne Frank: Adolescent Self (3 cr.)

b. Mathematics:
   Select one of the following
   1. MAT 101 Elementary College Mathematics or mathematics competency requirement (0-3 cr.) and
      MAT 110 Modern Mathematics for Elementary School Teachers I (3 cr.) and
      MAT 111 Modern Mathematics for Elementary School Teachers II (3 cr.)
   2. MAT 101 Elementary College Mathematics or mathematics competency requirement (0-3 cr.) and
      MAT 113 Fundamental Mathematics for Elementary School Teachers (3 cr.)

b. The Arts:
   Select one of the following
   - ART 104 Basic Design: 2-D (3 cr.)
   - ART 137 Western Art: Ancient and Medieval (3 cr.)
   - ART 139 Western Art: Renaissance to Modern (3 cr.)
   - ART 161 Introduction to Drawing (3 cr.)
   - ART 205 Introduction to Graphic Design (3 cr.)
   - ART 211 Introduction to Photography (3 cr.)
   - ART 221 Introduction to Painting (3 cr.)
   - ART 231 3-D Design (3 cr.)
   - ART 255 Introduction to Ceramics (3 cr.)
   - ART 280 Introduction to Printmaking (3 cr.)
   - ART 281 Printmaking Women's Narratives (3 cr.)
   - MUS 110 Music Appreciation (3 cr.)
   - MUS 111 World Music (3 cr.)
   - MUS 112 Jazz History (3 cr.)
   - MUS 113 Music in Canadian Cultures (3 cr.)
   - MUS 114 American Pop: North and South (3 cr.)
   - MUS 115 Musical Theatre (3 cr.)
   - MUS 116 Latin American and Caribbean Music (3 cr.)
   - MUS 119 Introduction to Bluegrass Music (3 cr.)
   - MUS 120 Fundamental Musicianship (0-3 cr.)
   - MUS 230 Music Theory II (3 cr.)
   - MUS 283 Piano Class I (0-3 cr.)
   - MUS 383 Piano Class II (3 cr.)

*One of these courses is required for candidates with an Arts Specialization with a Focus in Music.

d. Social Studies:
   Select one of the following
   - ENG 111 Visions of America (3 cr.)
   - ENG 342 American Literature to the Civil War (3 cr.)
   - ENG 343 American Literature from the Civil War to World War I (3 cr.)
   - ENG 346 20th Century American Literature to 1960 (3 cr.)
   - ENG 347 American Literature Since 1960 (3 cr.)
   - GEG 224 World Regional Geography (3 cr.)
   - GEG 303 Environmental Conservation (3 cr.)
   - GEG 304 Economic Geography (3 cr.)
   - GEG 350 Introduction to Geographic Information Systems and Mapping (3 cr.)
   - HIS 101 United States Civilization to 1877 (3 cr.)
   - HIS 102 United States Civilization Since 1877 (3 cr.)
   - HIS 132 Modern Global History (3 cr.)
   - HIS 161 Colonial Latin America 1492-1825 (3 cr.)
   - HIS 162 Middle and Modern Latin America (3 cr.)
   - HIS 303 History of the American Woman (3 cr.)
   - HIS 316 U.S. Immigration and Ethnic History (3 cr.)
   - HIS 324 Germany, 1870 to the Present (3 cr.)
   - HIS 335 Social History of Early Modern Europe (3 cr.)
   - HIS 342 History of Ecology and Environmentalism (3 cr.)
   - HIS 355 Gender and Migration in the World (3 cr.)
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

Music Fundamentals: (3 cr.)
Select one:
- MUS 110 Music Appreciation (3 cr.)
- MUS 111 World Music (3 cr.)
- MUS 112 Jazz History (3 cr.)
- MUS 113 Music in Canadian Cultures (3 cr.)
- MUS 114 American Pop: North and South (3 cr.)
- MUS 115 Musical Theatre (3 cr.)
- MUS 116 Latin American and Caribbean Music (3 cr.)
- MUS 119 Introduction to Bluegrass Music (3 cr.)

Music Theory Requirement: (6-15 cr.)
- MUS 120 Fundamental Musicianship (0-3 cr.)
- MUS 130 Music Theory I (3 cr.)
- MUS 230 Music Theory II (3 cr.)
- MUS 283 Piano Class* (0-3 cr.)
- MUS 383 Piano Class II (0-3 cr.)
*Advanced piano students, see advisor regarding substitution for the MUS 283/MUS 383 Piano classes.

Music History Requirement: (9 cr.)
- MUS 301 History of Western Music: Antiquity-1750 (3 cr.)
- MUS 302 History of Western Music: 1750-Present (3 cr.)
- MUS 305 Introduction to Music Technology (3 cr.)

Music Synthesis: (3 cr.)
Select one:
- MUS 310 Topics in Music (AWR) (3 cr.) or
- MUS 485 Senior Seminar (3 cr.)

Music Performance: (5 cr.)
- Applied Instrumental or Applied Voice (2 cr.)
- MUS 131/141/151/161/171/181/191 (1 cr.) and
- MUS 132/142/152/162/172/182/192 (1 cr.)
- Performing Ensemble (3 upper-division cr.)

For Studio Art Focus: 21-27 credits depending on GE courses and Core Course selection.

1. Required Courses: (15 cr.)
- ART 104 Basic Design: 2-D (3 cr.)
- ART 137 Western Art: Ancient and Medieval (3 cr.)
- ART 139 Western Art: Renaissance to Present (3 cr.)
- ART 161 Introduction to Drawing (3 cr.)
- ART 231 3-D Design (3 cr.)

2. Select a minimum of 1 course: (3 cr.)
- ART 205 Introduction to Graphic Design (3 cr.)
- 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.)
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

b. English Language Arts Specialization (Curr. 0281): (15 cr.)
Candidates must take 5 courses (or a minimum of 15 credits) with a minimum of 9 credits at the 300 level or higher.

ENG 111 Visions of America (3 cr.)
ENG 122 Grammar and Punctuation Workshop (3 cr.)
ENG 160 Introduction to Poetry (3 cr.)
ENG 161 Introduction to Fiction (3 cr.)
ENG 195 Fundamentals of Literary Study I: The Literary Text (3 cr.)
ENG 196 Fundamentals of Literary Study II: Trends and Movements (3 cr.)
ENG 201 Creative Writing (3 cr.)
ENG 208 Introduction to Writing Poetry (3 cr.)
ENG 209 Introduction to Writing Fiction (3 cr.)
ENG 270 Introduction to African American Literature (3 cr.)
ENG 295 Ancient Myth and Modern Mythmaking (3 cr.)
ENG 301 Expository Writing (3 cr.)
ENG 302 Writing Poetry (3 cr.)
ENG 303 Writing Fiction (3 cr.)
ENG 340 Literary Criticism (3 cr.)
ENG 342 American Literature to the Civil War (3 cr.)
ENG 343 American Literature from the Civil War to World War I (3 cr.)
ENG 346 20th Century American Literature to 1960 (3 cr.)
ENG 347 American Literature Since 1960 (3 cr.)
ENG 353 The Literature of Witness and Trauma (3 cr.)
ENG 368 Grammar for Writing (3 cr.)
ENG 374 Anne Frank: Adolescent Self (3 cr.)
Other courses by advisement

b. Modern Languages and Cultures Specialization (Curr. 0282): (minimum 15 cr.)

For French Focus:
FRE 213 Intermediate French I (0-3 cr.)
FRE 214 Intermediate French II (0-3 cr.)
FRE 316 Conversation Avancee (3 cr.) or
FRE 322 Lecture et Interpretation (3 cr.)
FRE 333 La France: Theme Varies (3 cr.)
FRE 334 La Francophonie: Theme Varies (3 cr.)
FRE 335 Le Quebec (3 cr.)

For Spanish Focus:
SPA 213 Intermediate Spanish I (0-3 cr.)
SPA 214 Intermediate Spanish II (0-3 cr.)
SPA 314 Conversacion (3 cr.)
SPA 315 Composicion (0-3 cr.)
SPA 385 Introduccion to Hispanoamerica I: Epoca Pre-Colonial-Siglo XIX (3 cr.)
SPA 386 Introduccion to Hispanoamerica II: Epoca Contemporanea (3 cr.)

d. STEM (Science, Technology, Engineering, Math) Specialization (Curr. 0283): (minimum 15 cr.)
Teacher candidates can select courses across disciplines. Candidates must take 5 courses (or a minimum of 15 credits). A minimum of 9 credits must be at the 300 or 400 level.

MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
MAT 111 Modern Mathematics for Elementary School Teachers II (3 cr.)
MAT 131 Quantitative Reasoning in Basic Math (3 cr.)
MAT 133 Mathematics in Context (3 cr.)
MAT 153 College Geometry* (3 cr.)
MAT 163 Finite Mathematics (3 cr.)
MAT 202 Linear Algebra I* (3 cr.)
MAT 221 Calculus for the Life, Management & Social Sciences I* (3 cr.) or
MAT 204 Trigonometry (1 cr.) and
MAT 224 Calculus I* (0-4 cr.)
MAT 222 Calculus for the Life, Management & Social Sciences II* (3 cr.) or
MAT 225 Calculus II* (4 cr.)
MAT 231 Sets, Functions, & Relations* (3 cr.)
AST 101 Introduction to Astronomy (4 cr.)
AST 102 Introduction to Astronomy (3 cr.)
BIO 101 General Biology I (4 cr.)
BIO 102 General Biology II (4 cr.)
BIO 202 Introduction to Microbiology (3 cr.)
BIO 203 Microbiology (4 cr.)
BIO 205 Introduction to Botany (3 cr.)
BIO 208 Evolution (3 cr.)
BIO 209 Vertebrate Zoology (3 cr.)
BIO 304 Ecology (4 cr.)
BIO 323 Invertebrate Zoology (3 cr.)
BIO 329 Animal Behavior (3 cr.)
CHE 100 Chemistry and Society with Lab (4 cr.)
CHE 101 General Chemistry (4 cr.)
CSC 121 Introduction to Computing and the Web (3 cr.)
CSC 123 Scientific Simulation and Modeling (3 cr.)
CSC 152 Computer Security and Society (3 cr.)
CSC 221 Introduction to Programming (3 cr.)
ENV 101 Introduction to Environmental Science (3 cr.)
ENV 201 Environment and Society (3 cr.)
ENV 306 Atmospheric Processes (3 cr.)
ENV 307 World Environments and People (3 cr.)
GEL 101 Physical Geology (4 cr.)
GEL 102 Evolution of the Earth (4 cr.)
GEL 305 Energy and Mineral Resources (3 cr.)
Or other Elective in consultation with an academic advisor.

*Note these courses fulfill the Upper Level Requirement.
e. Social Studies Specialization (Curr. 0284):  
Teacher candidates can select courses across disciplines. Candidates must take 5 courses (or a minimum of 15 credits). A minimum of 9 credits must be at the 300 or 400 level.

- ENG 111 Visions of America (3 cr.)
- ENG 342 American Literature to the Civil War (3 cr.)
- ENG 343 American Literature from the Civil War to World War I (3 cr.)
- ENG 346 20th Century American Literature to 1960 (3 cr.)
- ENG 347 American Literature Since 1960 (3 cr.)
- GEG 224 World Regional Geography (3 cr.)
- GEG 303 Environmental Conservation (3 cr.)
- GEG 304 Economic Geography (3 cr.)
- GEG 350 Introduction to Geographic Information Systems and Mapping (3 cr.)
- HIS 101 United States Civilization to 1877 (3 cr.)
- HIS 102 United States Civilization Since 1877 (3 cr.)
- HIS 132 Modern Global History (3 cr.)
- HIS 161 Latin America 1492-1825 (3 cr.)
- HIS 162 Middle and Modern Latin America (3 cr.)
- HIS 303 History of the American Woman (3 cr.)
- HIS 316 U.S. Immigration and Ethnic History (3 cr.)
- HIS 324 Germany, 1870-Present (3 cr.)
- HIS 335 Social History of Early Modern Europe (3 cr.)
- HIS 342 History of Ecology and Environmentalism (3 cr.)
- HIS 355 Gender and Migration in the World (3 cr.)
- HIS 3625 Latin American Revolutions (3 cr.)
- HIS 373 20th Century Canada (3 cr.)
- HIS 381 Women in East Asian History (3 cr.)
- HIS 395 Introduction to Historic Preservation (3 cr.)
- HIS 426 Christians and Jews (3 cr.)
- PSC 100 U.S. National Politics (3 cr.)
- PSC 120 Comparative Politics (3 cr.)
- PSC 220 International Relations (3 cr.)
- PSC 231 History of Political Ideas (3 cr.)
- PSC 240 State and Local Government (3 cr.)
- PSC 290 Introduction to Law (3 cr.)
- PSC 311 Quantitative Political Analysis (3 cr.)
- PSC 319 National Security in the 21st Century (3 cr.)
- PSC 320 Ethnic Politics (3 cr.)
- PSC 327 European Politics (3 cr.)
- PSC 348 Gender Politics (3 cr.)
- PSC 391 U.S. Civil Liberties (3 cr.)

f. Interdisciplinary Specialization (Curr. 0285):  
Candidates must take a course in each of the 5 core areas (English Language Arts, Social Studies, Math, Science, The Arts) for a minimum of 15 credits. A minimum of 9 credits must be at the 300 or 400 level.

1. English Language Arts: choose one course
   - ENG 122 Grammar and Punctuation Workshop (3 cr.)
   - ENG 160 Introduction to Poetry (3 cr.)
   - ENG 161 Introduction to Fiction (3 cr.)
   - ENG 195 Fundamentals of Literary Study I: The Literary Text (3 cr.)
   - ENG 196 Fundamentals of Literary Study II: Trends and Movements (3 cr.)
   - ENG 201 Creative Writing (3 cr.)
   - ENG 208 Introduction to Writing Poetry (3 cr.)
   - ENG 209 Introduction to Writing Fiction (3 cr.)
   - ENG 270 Introduction to African American Literature (3 cr.)
   - ENG 295 Ancient Myth and Modern Mythmaking (3 cr.)
   - ENG 301 Expository Writing (3 cr.)
   - ENG 302 Writing Poetry (3 cr.)
   - ENG 303 Writing Fiction (3 cr.)
   - ENG 340 Literary Criticism (3 cr.)
   - ENG 346 20th Century American Literature to 1960 (3 cr.)
   - ENG 347 American Literature Since 1960 (3 cr.)
   - ENG 348 American Literature Since 1960 (3 cr.)
   - ENG 353 The Literature of Witness and Trauma (3 cr.)
   - ENG 368 Anne Frank: Adolescent Self (3 cr.)
   - ENG 374 Anne Frank: Adolescent Self (3 cr.)

2. Mathematics: choose one course
   - MAT 102 Precalculus or Calculus Readiness Test (0-3 cr.)
   - MAT 111 Modern Mathematics for Elementary School Teachers II (3 cr.)
   - MAT 131 Quantitative Reasoning in Basic Math (3 cr.)
   - MAT 133 Mathematics in Context (3 cr.)
   - MAT 153 Mathematics in Context (3 cr.)
   - MAT 163 Finite Mathematics (3 cr.)
   - MAT 202 Linear Algebra I* (3 cr.)
   - MAT 221 Calculus for the Life, Management & Social Sciences I* (3 cr.) or Trigonometry (1 cr.) and Calculus I* (0-4 cr.)
   - MAT 222 Calculus for the Life, Management and Social Sciences II* (3 cr.) or Calculus II* (4 cr.)
   - MAT 231 Sets, Functions, and Relations* (3 cr.)

   *Note these courses fulfill the Upper Level Requirement.

3. The Arts: choose one course
   - ART 104 Basic Design: 2-D (3 cr.)
   - ART 161 Introduction to Drawing (3 cr.)
   - ART 205 Introduction to Graphic Design (3 cr.)
   - ART 211 Introduction to Photography (3 cr.)
ACADEMIC REQUIREMENTS, DEPARTMENTS AND MAJOR PROGRAMS

ART 221  Introduction to Painting (3 cr.)
ART 231  3-D Design (3 cr.)
ART 255  Introduction to Ceramics (3 cr.)
ART 280  Introduction to Printmaking (3 cr.)
ART 281  Printmaking Women’s Narratives (3 cr.)
MUS 110  Music Appreciation (3 cr.)
MUS 111  World Music (3 cr.)
MUS 112  Jazz History (3 cr.)
MUS 113  Music in Canadian Cultures (3 cr.)
MUS 114  American Pop: North and South (3 cr.)
MUS 115  Musical Theatre (3 cr.)
MUS 116  Latin American and Caribbean Music (3 cr.)
MUS 119  Introduction to Bluegrass Music (3 cr.)
MUS 120  Fundamental Musicianship (0-3 cr.)
MUS 230  Music Theory II (3 cr.)
MUS 283  Piano Class I (0-3 cr.)
MUS 383  Piano Class II (0-3 cr.)

4. Social Studies: choose one course
ENG 111  Visions of America (3 cr.)
ENG 342  American Literature to the Civil War (3 cr.)
ENG 343  American Literature from the Civil War to World War I (3 cr.)
ENG 346  20th Century American Literature to 1960 (3 cr.)
ENG 347  American Literature Since 1960 (3 cr.)
GEG 224  World Regional Geography (3 cr.)
GEG 303  Environmental Conservation (3 cr.)
GEG 304  Economic Geography (3 cr.)
GEG 350  Introduction to Geographic Information Systems and Mapping (3 cr.)
HIS 101  United States Civilization to 1877 (3 cr.)
HIS 102  United States Civilization Since 1877 (3 cr.)
HIS 132  Modern Global History (3 cr.)
HIS 161  Latin America 1492-1825 (3 cr.)
HIS 162  Middle and Modern Latin America (3 cr.)
HIS 303  History of the American Woman (3 cr.)
HIS 316  U.S. Immigration and Ethnic History (3 cr.)
HIS 324  Germany, 1870-Present (3 cr.)
HIS 335  Social History of Early Modern Europe (3 cr.)
HIS 342  History of Ecology and Environmentalism (3 cr.)
HIS 355  Gender and Migration in the World (3 cr.)
HIS 3625  Latin American Revolutions (3 cr.)
HIS 373  20th Century Canada (3 cr.)
HIS 381  Women in East Asian History (3 cr.)
HIS 395  Introduction to Historic Preservation (3 cr.)
HIS 426  Christians and Jews (3 cr.)
PSC 100  U.S. National Politics (3 cr.)
PSC 120  Comparative Politics (3 cr.)
PSC 220  International Relations (3 cr.)
PSC 231  History of Political Ideas (3 cr.)
PSC 240  State and Local Government (3 cr.)
PSC 290  Introduction to Law (3 cr.)
PSC 311  Quantitative Political Analysis (3 cr.)
PSC 319  National Security in the 21st Century (3 cr.)
PSC 320  Ethnic Politics (3 cr.)
PSC 327  European Politics (3 cr.)
PSC 348  Gender Politics (3 cr.)
PSC 391  U.S. Civil Liberties (3 cr.)

5. Science: choose one course
AST 101  Introduction to Astronomy (4 cr.)
AST 102  Introduction to Astronomy (3 cr.)
BIO 101  General Biology I (4 cr.)
BIO 102  General Biology II (4 cr.)
BIO 202  Introduction to Microbiology (3 cr.)
BIO 203  Microbiology (4 cr.)
BIO 205  Introduction to Botany (3 cr.)
BIO 208  Evolution (3 cr.)
BIO 209  Vertebrate Zoology (3 cr.)
BIO 304  Ecology (4 cr.)
BIO 323  Invertebrate Zoology (3 cr.)
BIO 329  Animal Behavior (3 cr.)
CHE 100  Chemistry and Society with Lab (4 cr.)
CHE 101  General Chemistry (4 cr.)
ENV 101  Introduction to Environmental Science (3 cr.)
ENV 201  Environment and Society (3 cr.)
ENV 306  Atmospheric Processes (3 cr.)
ENV 307  World Environments and People (3 cr.)
GEL 101  Physical Geology (4 cr.)
GEL 102  Evolution of the Earth (4 cr.)
GEL 305  Energy and Mineral Resources (3 cr.)

ELECTIVES 0

Certain major/cognate courses may also satisfy GE requirements thus increase elective credits accordingly.

TOTAL CREDITS minimum 120

ADDITIONAL DEGREE REQUIREMENTS
1. Students must have a 3.0 or higher cumulative GPA to become an Education Major. Education majors must maintain a cumulative GPA of 3.0 or higher. Students with a cumulative GPA below 3.0 will be reviewed by the Teacher Education Unit Academic Progress Committee for possible dismissal from the major.
2. A successfully completed capstone requirement, which may include a portfolio, portfolio defense, and/or other applicable project.
3. Minimum grade of C in all required education courses.
4. Minimum grade of C in all cognate and concentration courses.
5. A two-semester, beginning-level sequence or demonstrate proficiency in a language other than English or in American Sign Language.
6. Successfully conduct themselves professionally at all times.
7. Demonstrate professional ethical behaviors.
8. A minimum overall GPA of 3.0 in all required major courses (Category B).
9. Completion of all college-wide degree requirements (Pages 58-60).

**ADOLESCENCE EDUCATION (7-12)**

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

**LITERACY EDUCATION AND SPECIAL EDUCATION**

See the combined B.S./M.S.Ed. Childhood Education/Literacy Education and B.S./M.S.Ed. Childhood Education/Special Education in the combined programs section of this catalog.