Graduate School Assistance – Library references and individual assistance with planning and applying to graduate school is available. A Graduate School Fair is held every fall.

Student Computers – Computers and a laser printer are provided for student use in preparing resumes and letters, searching for jobs, designing network cards, developing a portfolio and creating a self-marketing brochure.

Webpage – Through the Career Planning’s webpage, students have access to information on job vacancies, careers, summer jobs, graduate schools, career mentors, all office handouts, what they can do with their majors, all Career Planning events and a step by step career planning activities checklist.

For further information, go to: www.potsdam.edu/career or contact Career Planning at 206 Sisson Hall, or call 315-267-2344.

ACADEMIC ENRICHMENT OPPORTUNITIES

Center for Student Research

Contact Person: Kelly Bonnar
102 MacVicar, 315-267-2051, cur@potsdam.edu, www.potsdam.edu/academics/specialprograms/cur/index.cfm

The Center for Student Research (CSR) is the primary resource for faculty-student collaborative scholarly and creative work that advances the understanding of an academic discipline through the examination, creation and communication of new knowledge.

CSR sponsors a variety of workshops and seminars for faculty and students related to instructional pedagogy, research tools, current trends, and best practices in both undergraduate and graduate research. Visit our web site for specific dates and times. The CSR also serves as an advocate to foster a vital campus culture of collaborative faculty-student research and creative activity.

Opportunities:

- Kilmer Undergraduate Research Apprenticeships funding student-faculty collaborative projects during the academic year and summer session.
- Student Travel Grant supports conference/professional meeting presentations
- Awards for student research at the Annual Learning and Research Fair include the Kilmer Undergraduate Research Poster Excellence Awards, which are awarded to Kilmer Apprentices, and the Ram L. Chugh North Country Research and Public Service Award, given to students whose research focuses on issues related to and benefiting the North Country region of New York State.
- Paid Internships are available each semester in support of the Center’s activities, one in Marketing & Outreach and one in Publications Media & Web Communications.
- Featured Student Researchers work is displayed in the Carson Hall wing adjacent to MacVicar Hall and on the CSR website.
- Institute for Ethical Behavior Endowment, in honor of Dr. Harold Hughes, provides funding for research, research-based service learning projects, or dissemination of research findings in the fields of ethical behavior or criminal justice. These projects may be student initiated or a collaboration between students and faculty. The endowment also supports invitations to scholars or practitioners in the fields of ethical behavior or criminal justice to present lectures or workshops on campus.

Honors Program

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

The Honors Program strives to provide intellectual enrichment for both its students and the campus community at large. For further information, go to www.potsdam.edu/honors.

Eligibility

National Merit Finalists and Semi-finalists, high school valedictorians and salutatorians, and incoming first-year students with a minimum high school GPA of 95 percent are invited to participate in General Honors. Incoming students who believe they are qualified for the Honors Program, but who do not meet the minimum GPA criteria, may also apply for admission to the Honors Director. Students who earn a minimum overall GPA of 3.50 during their first semester at SUNY Potsdam are invited to join the program in their second semester.

Students in General Honors automatically qualify for admission to Advanced Honors, as do transfer students from community colleges who successfully complete an honors program as part of their two-year college degree, and transfer students from four-year colleges who successfully complete the first two years of an honors program at their previous institution.

Curriculum

The Honors Program curriculum features two tracks: General Honors (primarily for first- and second-year students); and Advanced Honors (exclusively for juniors and seniors). The Honors Program’s curriculum is flexible, but students are encouraged particularly to pursue opportunities for independent research and creative endeavors.

General Honors

Students in General Honors are required to complete a one-credit honors colloquium (INTD 150), coordinated by the Honors Director, which introduces honors students to the College academic community. By the end of their senior year, students must complete a minimum of three additional courses (9-12 credit hours) designated as honors.

Advanced Honors

Students in Advanced Honors are required to complete a one-credit advanced honors colloquium (INTD 450), and complete one of the following research or service options:

- A Presidential Scholars project
- A departmental honors project/thesis in the student’s major
- An approved project/thesis outside their major
- An approved upper-division honors service-learning project
- An approved honors internship

Orientation and Advising

The Honors Program Director serves as a secondary academic adviser to all honors students. Honors students are awarded priority registration and opportunities for priority assignment to “study intensive space” in the residence halls (e.g., through the Honors FYE Floor and related programing designed for honors students).
Graduation Requirements
Graduation with General Honors requires completion of the "General Honors Colloquium" (INTD 150 – 1 cr.) or an equivalent independent study (INTD 195 – 1 cr.), and three additional General Honors courses (9-12 credit hours), with a minimum overall GPA of 3.25 in honors courses and a minimum overall GPA of 3.0.

Graduation with Advanced Honors requires satisfactory completion of the advanced honors colloquium (INTD 450 – 1 cr.), a minimum overall GPA of 3.0, and satisfactory completion of one of the research or service options listed above.

Students who complete both General Honors and Advanced Honors curricula are recognized as SUNY Potsdam Distinguished Scholars.

Presidential Scholars Program
Contact Person: Rebecca Gerber 1A02 Schuette, 315-267-3228, gerberrl@potsdam.edu

The Presidential Scholars Program offers a unique opportunity for talented and motivated SUNY Potsdam students to expand their educational horizons. The program provides support to those whose breadth of experience and diverse interests might otherwise go unrecognized. Scholars have taken advantage of the support provided by the program to conduct extensive research on a topic of their choosing, enroll in coursework offered by other colleges that is not available at SUNY Potsdam, and travel to conferences to present their work. Students are given the opportunity to design an academic curriculum suited to their own needs and, in addition, are entitled to the following benefits:

• priority registration for classes each semester,
• an academic advising team from within SUNY Potsdam faculty,
• a guaranteed annual stipend for directed project support.

Presidential Scholars are selected on the basis of academic excellence, a commitment to individual intellectual goals, and a willingness to share their endeavors with the community. Students will be eligible to apply for admittance to the program in the fall semester after completing at least 30 credit hours at SUNY Potsdam and a minimum GPA of 3.5. Students accepted into the program, following the application and interview process, will have at least four full semesters remaining at SUNY Potsdam. Eligible students will be notified by mail. More information, along with descriptions of current and past projects, can be found online at www.potsdam.edu/scholars.

Student Fellowship Program
Contact Person: Rebecca Gerber 1A02 Schuette, 315-267-3228, gerberrl@potsdam.edu

The Student Fellowship Program assists students in preparing for nationally competitive awards like the Fulbright Marshall, Jack Kent Cooke, and Boren scholarships. These awards are for students planning graduate opportunities in research, teaching English abroad, or language enhancement for languages critical to U.S. interests. Students should contact the Student Fellowship Office early in their academic program to learn more about developing a plan during their undergraduate years, making connections with faculty, and pursuing research experiences. National scholarships are available for all areas of academic study. Most awards require an on-campus interview and college endorsement of the application. Information about the specific awards can be found online at www.potsdam.edu/specialprograms/fellowships.

Tutorial Study
Contact Persons:
Arts and Sciences Dean, 106 Dunn, 315-267-2231;
Crane School of Music Dean, C218 Bishop, 315-267-2415;
Education and Professional Studies Dean, 115 Satterlee, 315-267-2515

Students may undertake tutorial or independent study to investigate areas for which there is not sufficient demand to warrant a regular course offering, to pursue research interests that cannot be met by an existing advanced course or to undertake interdisciplinary investigation under two or more instructors where existing courses do not provide such opportunities.

Tutorials must be carefully planned in advance with a tutor. The planned work should be described on the Proposal for a Tutorial form. The form, together with the Tutorial Study Registration Form, should be submitted for approval to the chair of the department offering the tutorial. Both forms are then submitted to the dean of the appropriate School. If the proposal is accepted, the dean forwards the registration form to the Registrar.

Undergraduate tutorials carrying liberal arts credit are designated 198, 298, 398 or 498. Those carrying non-liberal arts credit are designated 197, 297, 397 or 497. The assignment of liberal or non-liberal arts credit is the responsibility of the deans.

Tutorials are limited to a maximum of three credit hours. Students may register for only one tutorial in a given department per semester and for only two tutorials per semester in total.

To ensure adequate time for proper review of tutorial proposals, both proposals and registration forms should be submitted to the dean in a finished state before the end of the semester preceding the proposed tutorial study. No tutorial proposal submitted later than three working days prior to the end of the change of schedule period will be considered. It is the responsibility of the student to ascertain that the tutorial has been approved.

International Education and Programs/Study Abroad
Contact Person: Krista LaVack
136 Sisson, 315-267-2507, international@potsdam.edu

Program listings: www.potsdam.edu/academics/international/index.cfm

Why study abroad? Students today are increasingly concerned about understanding other cultures and gaining awareness of global issues as they seek to integrate their private lives and their jobs. Students who have studied abroad agree that there is no substitute for international experience in preparing for living and working in the modern world.

In a world where one U.S. job in six is tied to international trade, the U.S. increasingly needs people with global competence and language skills. Students who study abroad, even for a short period, report life-changing personal growth, enhanced focus on academics, and acquisition of important skills.

Internships abroad: Students interested in an internship in international education (INTD 490) should contact the Director.
Who can study abroad – and where? Study abroad programs are available around the world to SUNY Potsdam students at reasonable cost for a semester, a full academic year or for shorter periods. Students may choose from more than 600 SUNY-wide programs in over 50 countries, in a great variety of disciplines. Some programs are designed for certain majors; most offer a full range of the arts and sciences, proving that study abroad is for students in any discipline. Many programs are conducted wholly or partly in English. Overseas programs offer a range of instructional formats from classroom study to internships or travel study tours, and a variety of living arrangements, from dormitories, to apartments, to living with a host family.

Our special programs: The semester programs administered by SUNY Potsdam include inexpensive programs in England, Germany, Mexico, Sweden, Ghana and other African countries, and student teaching. SUNY Potsdam faculty have organized and led short-term study experiences in winter session, spring break and summer to Jamaica, Egypt, England, France, Greece, Italy, Mexico, Morocco, Peru, Scandinavia, Tunisia, Ukraine and Vietnam.

Winterim
Faculty-led travel courses, as well as independent study opportunities, are available during the Winterim Session, scheduled during the first two weeks of January each year. These travel courses offer a variety of changing themes and destinations around the United States and internationally, and allow students who might not otherwise be able to travel abroad to have an international experience and gain cross-cultural competence. After traveling abroad with a faculty member, students are often empowered to try a semester program abroad.

For information regarding these courses, contact the Office of Extended Education, toll-free (800) 458-1142 or dial direct, 315-267-2166, or go to www.potsdam.edu/exted. The Office is located in Raymond 206.

Birmingham Conservatoire, England
This is a challenging program of performance in music. The Birmingham Conservatoire is one of Britain’s leading music colleges, and, with almost 500 students, the country’s largest music department. A branch of the University of Central England in Birmingham, the Conservatoire is a music college of international stature, primarily involved in preparing students for the music profession, with undergraduate and post-graduate programs. It is comprised of four schools: Instrumental Studies; Vocal and Operatic Studies; Keyboard and Composition; and Creative Studies. The Conservatoire is located in the heart of Birmingham within walking distance of Symphony Hall, theaters, museums and art galleries. This is a unique program of its kind, and offers a real challenge as well as the chance to experience living with British students, immersed with other students of music in a university environment.

Liverpool Hope University, England
This is a direct exchange program featuring a variety of majors including theater, English, history, biology, psychology and education. Music students with broad interests have found this a congenial location. Students may go either for one semester or for the full academic year.

York St. John, England
For art students and other disciplines including dance, music, theater, history, cultural studies and women’s studies, this is a direct exchange program with York St. John University in a beautiful medieval city.

Universitat Potsdam, Germany
This direct exchange program allows students to explore life in a reunited Germany and the former capital of Prussia with its beautiful baroque and monumental architecture. Exchanges may be for a semester or an academic year. Intensive study in German is possible before direct enrollment in the university.

Universidad de la Americas, Puebla, Mexico
The direct exchange and overseas academic program offers a rich cultural and multicultural setting, surrounded by beautiful colonial architecture. Students typically take Spanish language and literature courses or enroll directly in anthropology, archeology, art, but may also take a wide range of disciplines from schools of Arts and Humanities, Social Sciences, Business, Sciences, and Engineering or do an internship.

San Miguel, Mexico: Spanish Immersion
The Academia Hispano American offers small classes of instruction in Spanish, integrating language and Latin American Studies, with special emphasis on Mexico. The unique feature of this program is the opportunity for non-traditional students with children to participate in an intensive Spanish immersion. Students are housed with congenial Mexican families, but apartments are also available for groups or families.

Luleå University, Sweden
Luleå University is a regional capital with a rich cultural life, surrounded by vast expanses of forests and mountains. Luleå is also a seaport opening onto an archipelago of beautiful islands. Founded in the 1970s, the university has modern equipment, about 5,200 students and 900 faculty. The music conservatory is located in Piteå, a small town south of Luleå, in a close-knit community environment of musicians and music lovers. There are more than 250 courses offered in English in business, economics, education, engineering, music and politics.

Service Learning in Africa
SUNY Potsdam collaborates with Operation Crossroads Africa (OCA) to offer a unique opportunity to live and work in an African community during the summer term and earn college credit. Students participate in group-oriented cultural exchange and community development projects in Africa developed and supervised by OCA. SUNY Potsdam faculty provide academic orientation and research guidance. Projects typically involve physical labor using indigenous resources. Whether in a village, town, or city, students will live in the community, participating in its daily life.

Service Learning in Jamaica
This program is a ten-day, short-term service learning course on the diverse people, society, culture, and musics of the Caribbean and West Indies. Instructional materials will be presented before and during travel – in text, web-based, and on-site setting. Coursework continues in Jamaica, where students participate in daily training sessions and service work at the local schools and care-centers. Students take part in supervised tutoring, music education, healthcare, sound-recording, and music-therapy program in their area of specialization.

Applications and Services
Applications for all SUNY-wide programs are available in the Office of International Education and Programs. By remaining registered at SUNY Potsdam, students maintain their eligibility for financial aid and their residency, and at the same time facilitate the transfer of credits. The Office of International Education and Programs provides...
information about overseas academic programs, including inexpensive options, and assists in arrangements for transfer credit and financial aid for any student who wishes to study abroad. The Office will keep students informed while they are abroad and help them register for the following semester. Students may make an appointment to discuss individual needs.

Students are given detailed advice on selecting the best program for their needs and are strongly encouraged to take advantage of these special opportunities.

**National Student Exchange Program**

**Contact Person:** Krista LaVack  
136 Sisson, 315-267-2507, international@potsdam.edu  
[www.potsdam.edu/academics/international/index.cfm](http://www.potsdam.edu/academics/international/index.cfm)

National Student Exchange (NSE) is an organization of state colleges and universities throughout the United States, its territories and Canada. NSE’s primary purpose is to provide domestic exchange opportunities at institutions of higher learning in different geographical locations. NSE is a way for students to experience new curricular options as well as a means to enjoy an alternate social and living environment. For participating institutions, NSE is a way to expand academic offerings by providing a greater scope and variety of courses. Best of all, NSE is available at minimal or no extra cost.

NSE offers students the opportunity to study in another educational setting; to live in a new cultural and geographical environment; to sample diverse course offerings; and to link into study abroad, internship or field experience options not available at the home campus.

**Student Eligibility and Application:** Students interested in participating in NSE are usually sophomores or juniors during their exchange period. All participants must have a cumulative GPA of 2.5 and be able to demonstrate adaptability, flexibility and responsibility. Since students serve as ambassadors from their home school, it is assumed that they will behave like ambassadors. Students apply for the exchange program through their home college or university. There is a non-refundable application fee (covering up to five schools) and a filing deadline in mid-February.

Student Expenses: Students are responsible for all expenses related to exchange participation. The NSE experience, however, is seldom more expensive than attending the home institution, excluding travel. Tuition and fees are normally paid to the home campus (Plan B) or through waiver of non-resident tuition and fees (Plan A). Tuition in many states is much lower than New York State’s. Room and board is paid to the host campus. Potsdam processes financial aid for students on either plan. Plan B is preferable for students with substantial TAP awards.

Student Placements: Exchange commitments are negotiated by campus coordinators at the annual NSE conference (normally in early March). Placement decisions are governed by the popularity of certain schools and the numbers of students certain schools may send and receive. Since applicants have already been pre-screened by their home coordinator, conference placements are not secured on the basis of any on-site credential evaluations. By mid-April each year, students will have accepted or rejected their placements and begun receiving housing and registration materials from their host schools.

Special Programs: Placements in special programs, such as R.A. exchange, study abroad, honors programs, and some majors, such as music, should be negotiated well in advance of other deadlines.

For a complete list of participating institutions and exchange sites, please contact the Office International Education and Programs or visit the website: [www.nse.org](http://www.nse.org).

**Associated Colleges of the St. Lawrence Valley**

**General Cross-registration Procedures**

Cross-registration is a cooperative program designed to expand the educational opportunities available to students and staff of the four colleges of the consortium. It provides any full-time matriculated student or full-time employee in a member college the opportunity to enroll in a course offered by another member college. A cross-registered course is used to improve the depth and variety of the student’s approved academic program.

Full-time matriculated students and staff at SUNY Canton, Clarkson University, SUNY Potsdam and St. Lawrence University may take up to two courses per academic year (including summer session[s]) at any of the other institutions on a space-available basis. Through cross-registration, full-time matriculated students and staff have access to courses in both major and elective areas representing specialties unavailable or closed at their home institution. There also exist formal curricular arrangements among institutions.

1. It is the student’s responsibility to determine whether or not a particular course satisfies requirements for a major, certificate or license, or graduation.
2. It is the student’s responsibility to follow registration deadlines for adding, dropping and withdrawing from courses in effect at their home institution.

Cost: tuition is paid to the student’s home institution under the policies of that institution. If cross-registration credits result in a course load requiring additional tuition charges at the home school, the student is responsible for those charges just as if the cross-registered credits were home school credits.

There is no additional charge to cross register for courses as long as the individual meets the eligibility requirements. A student does have to pay any special fees, such as lab fees, fees for registration or transcripts, etc.

Grades and Credit: students follow all course requirements as stated by the course instructor. Grades and credit earned are treated as residential and identified as cross-registrations on students’ permanent record.

Class Attendance: students are required to meet any attendance requirements as stated by the instructor and are responsible for arranging transportation. Many students drive, share rides or simply walk to class as appropriate.

For additional information, see [www.associatedcolleges.org/services/services.htm](http://www.associatedcolleges.org/services/services.htm), contact the Director of the Associated Colleges at 315-267-3331 or Registrar’s Office at 315-267-2154.
Art Education with St. Lawrence University

Contact Person: Mark Huff, Department of Art
219 Brainerd, 315-267-2251/2252, huffms@potsdam.edu

Art Studio majors may obtain art teacher certification by completing this program offered through the Associated Colleges Consortium. See page 99 for information.

Engineering Double Degree with Clarkson University (3-2)

Contact Person: Biman Das, Department of Physics
212 Timerman, 315-267-2281, dasb@potsdam.edu

Clarkson University Coordinator: Office of Transfer Admissions
315-268-2125

Degrees: Bachelor of Arts from SUNY Potsdam
Bachelor of Science from Clarkson University

The 3-2 program combines three years of study in the arts and sciences at SUNY Potsdam and two years of study in engineering at Clarkson University. The five-year program leads to two simultaneous degrees, a Bachelor of Arts degree from SUNY Potsdam and a Bachelor of Science degree from Clarkson University in the engineering field chosen by the student.

Note: It is the responsibility of the students to apply to Clarkson University at the office of Transfer Admission, be accepted, and be in residence at Clarkson University for last two years to be eligible for the Clarkson University degree. Students need to transfer their coursework from Clarkson University back to SUNY Potsdam in order to complete their requirements for the SUNY Potsdam degree.

The 3-2 Program is flexible so that a student who enters into the program may change his or her mind later and stay on at SUNY Potsdam to complete a B.A. degree in any field. Students who have completed two years of study at another college and are contemplating a transfer to SUNY Potsdam and the 3-2 program may require an extra semester or two to complete all requirements of the program.

Program of Study at SUNY Potsdam

During the first three years at SUNY Potsdam, students should complete the at least 90 credit hours in liberal arts courses which are required for the B.A. degree at SUNY Potsdam and include the following.

All requirements for a major in one of the following disciplines: chemistry, computer and information sciences, geology, mathematics or physics.

The general education requirements as specified in the General Education manual, with the exemption of one of the following Modes of Inquiry (under advisement):

- Aesthetic Expression – Critical and Discriminative [AC]
- Aesthetic Expression – Experiential [AE]
- Scientific Inquiry – Biological Sciences [SB]

The following mathematics and science courses serve as preparation for the engineering curriculum:

**Physics**
- PHYS 103 University Physics I 4
- PHYS 204 University Physics II 4
- PHYS 305 University Physics III 4
- PHYS 306 Modern Physics* 4

(*required for Electrical Engineering and highly recommended for others)

**Mathematics**
- MATH 151 Calculus I 4
- MATH 152 Calculus II 4
- MATH 253 Multivariate Calculus 4
- MATH 390 Differential Equations 3

**Chemistry**
- CHEM 105 General Chemistry I 4
- CHEM 106 General Chemistry II 4

**Computer Science**
- CIS 201 Computer Science I 4

Liberal Arts Requirements at Clarkson University

Students completing the current General Education requirements for the B.A. degree at SUNY Potsdam will have completed 15 credits of the liberal arts requirements for the B.S. degree at Clarkson University. However, each engineering department also specifies a three-credit Macro- or Micro-economics course as part of Clarkson University’s 18 credit liberal arts requirement.

Cross Registration

To satisfy certain prerequisites for upper level engineering courses, students in the 3-2 program should cross register for 3 to 4 courses during their second and third years from the following courses offered at Clarkson University. Students can cross register for up to two courses per academic year (including summer session).

For students who plan to enter the Electrical Engineering program:
- ES 250 Electrical Science 3
- EE 260 Materials Science 3
- EE 211 Electrical Engineering Laboratory 3
- EE 221 Linear Circuits 3

For students who plan to enter the Computer Engineering program:
- ES 250 Electrical Science 3
- EE 211 Electrical Engineering Laboratory 3
- EE 264 Introduction to Digital Design 3
- EE 361 Fundamentals of Software Engineering 3

For students who plan to enter the interdisciplinary Software Engineering program:
- ES 250 Electrical Science 3
- EE 221 Linear Circuits or ES Elective 3
- EE 264 Introduction to Digital Design 3
- EE 361 Fundamentals of Software Engineering 3

For students who plan to enter the Mechanical and Aeronautical Engineering program:
- ES 220 Statics 3
- ES 250 Electrical Science 3
- ES 222 Strength and Materials 3
- ES 223 Rigid Body Dynamics 3
For students who plan to enter the Chemical Engineering program, you should cross-register the following courses:

CH 210 Chemical Engineering Principles I: Molecular Properties & Processes (if not taking or if not already taken Physical Chemistry) 3
CH 220 Chemical Engineering Principles II: Material Balances 3
CH 260 Chemical Engineering Principles III: Thermodynamics and Energy Balances 3
ES 250 Electrical Science or ES 260 Materials Science 3

For students who plan to enter the Civil and Environmental Engineering program:

ES 220 Statics 3
ES 222 Strength of Materials 3
CE 212 Introduction to Engineering Design 3
ES 330 Fluid Mechanics 3

Program of Study at Clarkson University

Clarkson University offers a wide variety of courses in the four major engineering areas: Chemical Engineering, Civil & Environmental Engineering, Electrical & Computer Engineering, and Mechanical & Aeronautical Engineering. At least by the beginning of the third year at SUNY Potsdam, students should contact their selected engineering department at Clarkson University to get advice for planning their final two years of the program.

Selection of courses for the first year at SUNY Potsdam: Students in 3-2 program may take the following courses during the first year in addition to the FW and FS General Education courses:

All students: PHYS 103, 204; MATH 151, 152
Chemistry and Geology majors must take: CHEM 105, 106
Mathematics and Physics majors may choose between: CIS 201 or CHEM 105 and 106

MBA Programs with Clarkson University (4+1)

Contact Person: Joe Timmerman, Department of Business Administration
212 Dunn, 315-267-2219, timmerja@potsdam.edu

Clarkson Contact Person: Patricia M.M. Perrier
Graduate Business Programs, 315-268-6613, pperrier@clarkson.edu

Clarkson University and SUNY Potsdam have established an agreement that allows students to plan their undergraduate programs to include courses which will serve as a foundation for graduate study in business. Students must complete a regular undergraduate major in which foundation courses may satisfy some graduate requirements. These foundation courses include materials required in the first year of study in MBA programs; therefore, students who carefully plan their undergraduate programs are able to earn the undergraduate degree and an MBA degree in five years.

Students currently enrolled at SUNY Potsdam should try to select appropriate electives in order to complete most of the foundation courses as a part of their undergraduate programs. The required courses for the Bachelor of Science in Business Administration satisfy all of the foundation courses. If necessary, prior to beginning the MBA programs, any remaining foundation courses may be taken during the Summer Business Concepts Program at Clarkson University.

Foundation requirements include satisfactory completion of a total of 27 credit hours in the following subjects: economics, finance, production, management, information systems, business law, accounting, marketing, and statistics. All foundation courses must be successfully completed with a 2.0 or higher.

SUNY Potsdam Course Equivalents

- ACCT 201/202 Principles of Accounting I and II or ACCT 385 Managerial Accounting
- ECON 105 Principles of Macroeconomics and ECON 110 Principles of Microeconomics
- FINA 301 Finance
- MGMT 410 Operations Mgmt.
- MGMT 340 Information Systems
- STAT 100 Statistics or equivalent
- Principles of Mgt. and Organizational Behavior
- Principles of Mktg.

In addition, it is assumed that students will have a working knowledge of calculus.

Program Structure: Building on a knowledge base in the foundation subjects, the MBA program consists of 35 credit hours of study (10 modules, four electives and a three credit experiential requirement) at the graduate level. Twenty credit hours must be completed from among the core modules in the following functional areas of study:

- Financial Management
- Marketing Management
- Corporate Ethical Decision Making
- Supply Chain Management
- Organizational Behavior
- Decision Analysis and Supply Chain Modeling

All students must also complete one experiential course in consulting, or, an international study abroad. The remaining twelve hours (four courses) consist of electives from among the many graduate offerings of the School of Business. Thus, the candidate has the opportunity to pursue advanced work in the above functional areas as well as specialized work in a variety of other areas. Admission Procedures: Preliminary inquiries concerning programs, admission and financial aid may be made at any time and should be addressed to the Graduate Business Programs Office, School of Business at Clarkson University. As soon as possible after completion of the third year of undergraduate study, applicants should submit an official “Clarkson University Application for Admission and Assistance for Graduate Study” form. All application forms, transcript, Graduate Management Admissions Test (GMAT) or General Record Exam (GRE) scores, current resume, and three letters of recommendation should be sent to the Graduate Business Programs Office at Clarkson University.
The current HPAC chair.

six credit hours of English, in their first two years of study to be fully
pre-mended that pre-med students complete two years of chemistry (through
organic chemistry), a year each of both biology and physics, and at least
six credit hours of English, in their first two years of study to be fully
prepared to take the Medical College Admissions Test (MCAT) during or after their junior year. The following courses offered at SUNY
Potsdam fulfill the minimum requirements of most professional schools:

Environmental Technology Minor with SUNY Canton

Contact Person: Michael Rygel, Geology Department
226 Timerman Hall, 315-267-3401, rygelmc@potsdam.edu

Students may obtain a minor in Environmental Technology through
a combination of courses at SUNY Potsdam and SUNY Canton. This
program of study is offered through the Geology Department. See page 129 for information.

Pre-Professional Programs

Health Professions

Contact Person: David Gingrich, Department of Chemistry
308 Stowell, 315-267-2273, gingridj@potsdam.edu

Students seeking careers in the health professions (medicine, dentistry,
ophtalmology, pharmacy, physical therapy, veterinary medicine etc.) are
not enrolled in a formal pre-health program, nor required to select
any particular major. Coursework that provides both a foundation
in the sciences plus studies in the liberal arts provides the background
necessary to pursue training in these fields beyond the undergraduate
degree. Certain courses are typically required for admission to these
professional graduate programs, as well as for preparation for the re-
quired admissions exams. Most students select a Biology, Chemistry,
or Biochemistry major, since much of the pre-health coursework is also
encompassed within these majors.

Students planning careers in the health professions should contact the
Health Professions Advisory Committee (HPAC), as soon as possible
(during their first semester at the College). See Dr. David Gingrich,
the current HPAC chair.

Although admission requirements vary between schools, it is recom-
manded that pre-med students complete two years of chemistry (through
organic chemistry), a year each of both biology and physics, and at least
six credit hours of English, in their first two years of study to be fully
prepared to take the Medical College Admissions Test (MCAT) during or after their junior year. The following courses offered at SUNY
Potsdam fulfill the minimum requirements of most professional schools:

BIOL 151/152 General Biology I/II
CHEM 105/106 General Chemistry I/II
CHEM 341/342 Organic Chemistry I/II
PHYS 101/202 College Physics I/II
PHYS 103/204 University Physics I/II are an alternate physics option.

Starting in 2015, the MCAT will introduce a new set of core competencies. Due to the greater emphasis on biochemistry as well as the
introduction of a Psychological, Social, and Biological Foundations of Behavior competency section, additional courses in biochemistry
as well as introductory courses in sociology and psychology should be
taken by pre-med students.

Several other pre-health programs also now require one or two semesters
of biochemistry. Since Biochemistry 425/426 requires two semesters
of General Chemistry as well as two semesters of Organic Chemistry
as prerequisites, these courses should be started freshman year to be
prepared for taking the appropriate admissions exam following the
junior year of study.

Students completing MCAT exams have reported that the following
courses were also particularly helpful:

BIOL 311 Genetics
BIOL 407 Cell Physiology
BIOL 410 Human Physiology
BIOL 413 Neurophysiology

Physical, Respiratory, and Occupational Therapy students are required
to take a full year of Human Anatomy and Physiology which can typi-
cally be completed by taking BIOL 403 and 404 Human Anatomy and
Physiology. This course will also help in preparation for gross anatomy
required by many of the programs. Check with your professional school's
admission office for confirmation.

The Health Professions Advisory Committee (HPAC) is available to
provide assistance on academic and curricular matters and to facilitate
the preparation of application materials. The committee also prepares
a letter of recommendation for each applicant if required or requested.

A partial list of Health Professions:

Medicine
Cytotechnology
Cardiovascular Perfusion
Medical Laboratory Technology
Radiation Therapy
Occupational Therapy
Physical Therapy
Radiologic Technology
Physician Assistant
Respiratory Therapy
Medical Imaging
Medical Technology
Nursing
Pharmacy
Podiatry
Veterinary Medicine

SUNY College of Optometry (3-4)

Contact Person: David Gingrich, Department of Chemistry
308 Stowell, 315-267-2273, gingridj@potsdam.edu

SUNY Potsdam and SUNY College of Optometry have a formal affili-
ation in optometric education in which up to six high school students
per year can be jointly admitted by SUNY Potsdam and SUNY Col-
lege of Optometry to a seven-year pre-optometry/optometry program
of study. Students can apply from high school as they apply to SUNY
Potsdam, or during their freshman or sophomore years. The preferred
application time is in the first semester of sophomore year. Students shall
be selected based on standards set by both schools and will matriculate
at SUNY Potsdam for three years. Upon maintaining an appropriate
agreed-upon grade point average in required pre-optometric coursework, attaining agreed-upon satisfactory scores on the Optometry College Admissions Test and passing reasonable personal interview standards, these students will be admitted to the State College of Optometry at the completion of their third year of enrollment at SUNY Potsdam. Students will pursue a curriculum approved by both SUNY Potsdam and SUNY College of Optometry. The Bachelor of Arts degree will be awarded by SUNY Potsdam to those students who have completed all of the degree requirements, usually after the first year of professional study at the State College of Optometry. Students interested in this program should contact the chair of the Health Professions Advisory Committee (HPAC), Dr. David Gingrich, as soon as possible to obtain additional information.

Pre-Law Studies
Contact Person: Timothy Gordinier, Department of Politics
309-B Satterlee, 315-267-2716, gordinpt@potsdam.edu

Students interested in pursuing careers in law should meet with Professor Timothy Gordinier of the Department of Politics. He is prepared to assist students in evaluating their interests and aptitude for law, and in preparing effective applications to law school. The adviser is also available to provide counseling on academic and curricular problems relating to pre-legal studies.

Law schools do not generally require a prescribed curriculum for admission. Students who are interested in a career in the legal profession will be prepared for law school if their undergraduate record in the arts and sciences is strong.

Certain minimum requirements for admission are, however, required by all law schools. It is recommended, therefore, that students interested in law consult with Professor Gordinier as early as possible, preferably during their first year, for advice concerning the selection of courses. The Pre-law minor offered through the Department of Politics will be of particular interest. Course selection will often depend upon a number of variables and should be undertaken only in consultation with both the major and career interest advisers.

For admission to law school, each student must also demonstrate an aptitude for the law on the Law School Admissions Test (LSAT), submit strong application essays and letters of recommendation, and have a sufficiently high GPA. Students are urged to consult with Professor Gordinier about this test and the application materials before the spring of their junior year.

SUNY Institute of Technology at Utica/Rome (3-2)
Contact Person: Biman Das, Department of Physics
212 Timerman, 315-267-2281, dasb@potsdam.edu

SUNY Potsdam and SUNY Institute of Technology at Utica/Rome have a formal 3-2 program affiliation in the area of engineering technology.

3-2 Engineering Program: The 3-2 Engineering Technology Program combines three years of education in science and mathematics at SUNY Potsdam with two years of engineering technology education at SUNY College of Technology at Utica/Rome, leading after five years to the Bachelor of Arts degree from SUNY Potsdam and the Bachelor of Technology or Bachelor of Science degree from the SUNY College of Technology at Utica/Rome. The Bachelor of Technology degree may be granted in electrical, mechanical or industrial technology. The Bachelor of Science degree is offered in telecommunications. For further information, contact the SUNY Potsdam coordinator in the Department of Physics at 315-267-2284.

Engineering Double Degree with SUNY Binghamton (3-2)
Contact Person: Biman Das, Department of Physics
212 Timerman, 315-267-2281, dasb@potsdam.edu

A 3-2 program has also been established with the Thomas J. Watson School of Engineering at SUNY Binghamton. Coursework preparation for transfer to the Watson School is essentially the same as that for the program with Clarkson University (see page 71 for more information). Students interested in this option should consult with the Coordinator of the 3-2 Program at SUNY Potsdam at least by the middle of their second year.

Professional Programs

MSW with University of Louisville (4+2-1/2)
Contact Person: Sharmain van Blommestein, English & Communication Department
249 Morey Hall, 315-267-3158, vanblos@potsdam.edu

Degrees:
Bachelor of Arts from SUNY Potsdam
Masters of Social Work from University of Louisville, Kent School of Social Work

The Kent School of Social Work and SUNY Potsdam have established an agreement which allows qualified students who have earned a Bachelor of Arts degree in Women's and Gender Studies to complete the MSW degree in an additional 2½ years. With the combination of these two degrees, students will have the tools of social change to address the historic problems of gender inequality and injustice. Social work is a profession for those with a desire to improve people’s lives.

Requirements for this program: While completing the Women's and Gender Studies major at SUNY Potsdam, students will substitute three 500 level WGS courses in the Social-Political and Science-Health Perspectives for lower-level courses (faculty approval required). Students must complete Human Biology, (fulfills the SB Gen Ed requirement), and Statistics, (fulfills the FM Gen Ed requirement), and maintain an overall GPA of 3.0.

Benefits of this program are the following:
• Reduced cost (SUNY Potsdam WGS majors pay in-state tuition costs see http://louisville.edu/vpf/bursar/student/tuition/tuitioncurrent.html)
• Shortened time to degree: SUNY Potsdam WGS majors complete the MSW degree in 2½ instead of 3 years
• Choice of location for practicum: SUNY Potsdam WGS majors can choose the geographic location and focus for their practicum
• Some Kent School of Social Work Courses are available online
• Graduates are qualified for: ACSW New York State licensure exam

MBA with Alfred University (4+1)
Contact Person: Joe Timmerman, Depart. of Business Administration
212 Dunn, 315-267-2219, timmerja@potsdam.edu

The College of Business, Alfred University and SUNY Potsdam have established an agreement which allows qualified students who have
earned a Bachelor of Science degree to accelerate their progress through the Alfred University College of Business MBA program. Waiver of selected MBA common body of knowledge courses is granted based upon completion of specific undergraduate courses. Students may be able to complete the MBA program in as short as one calendar year.

Applicants should demonstrate an overall strong potential for success in graduate business study based on their undergraduate academic performance and GMAT scores.

Grades of “B” or better in the designated undergraduate courses are acceptable for waiver of MBA foundation coursework.

**SUNY Potsdam Courses**

ACCT 201/202 Principles of Accounting I and II

ACCT 385 Managerial Accounting

ECON 105 Principles of Microeconomics and Markets

ECON 110 Principles of Macroeconomics

ECON 300 Statistical Methods in Economics and Business

FINA 301 Finance

CMPT 301 Introduction to Business Applications

MGMT 410 Operations Management

MGMT 310 Organizational Behavior and Ethics

MKTG 301 Principles of Marketing

**Alfred University Courses**

ACC 215 Financial Accounting

ACC 216 Managerial Accounting

ECO 201 Introduction to Economics

ECO 202 Principles of Macroeconomics

BUS 113 Business Statistics

MIS 101 Business Perspectives

BUS 260 Operations Research

MGT 328 Management and Organizational Behavior

MKT 321 Principles of Marketing

Students must submit an application for admission into the MBA program. Minimum GMAT score and undergraduate GPA as specified by AACSB International are required.

The faculty at SUNY Potsdam and the faculty at the Alfred University College of Business will be advising SUNY Potsdam students in this agreement.

**MBA with SUNY Oswego (4+1)**

**Contact Person:** Joe Timmerman, Depart. of Business Administration

212 Dunn, 315-267-2219, timmerja@potsdam.edu

SUNY Potsdam and SUNY Oswego recently signed a new 4+1 Accounting MBA agreement. Students completing their BS in Business Administration at SUNY Potsdam may be admitted to the School of Business at SUNY Oswego’s MBA program after having already satisfied the graduate business foundation courses.

Students who graduate with a SUNY Potsdam degree in Business Administration are waived from the SUNY Oswego M.B.A. program foundation courses upon acceptance. These 7 courses are: MBA 501 Principles of Accounting; MBA 502 Principles of Economics; MBA 503 Principles of Management; MBA 504 Quantitative Analysis; MBA 505 Operations Management; MBA 506 Legal Environment of Business; and MBA 507 Financial Management. In addition, the 4+1 agreement is not only for accounting students but also for those seeking a general professional-oriented M.B.A.

**MBA with Rochester Institute of Technology (4+1)**

**Contact Person:** Joe Timmerman, Depart. of Business Administration

212 Dunn, 315-267-2219, timmerja@potsdam.edu

The State University of New York at Potsdam and Rochester Institute of Technology (RIT) College of Business have established an agreement which allows qualified students who have earned a Bachelor of Science degree to accelerate their progress through the RIT College of Business MBA program. Waiver of selected MBA common body of knowledge courses is granted based upon completion of certain undergraduate courses. Refer to equivalency courses below. Students may be able to complete the MBA program in as few as four or five academic quarters.

Applicants should demonstrate an overall strong potential for success in graduate business study based on their GMAT scores and their undergraduate academic performance. Only grades of “B” or better in the designated undergraduate courses are acceptable for waiver of graduate level coursework.

**SUNY Potsdam Courses**

ACCT 201/202 Principles of Accounting I and II

MGMT 310 Organizational Behavior and Ethics

EMRE 330 Human Resource Management

EMRE 432 Organizational Development

MGMT 301 Principles of Management

MGMT 420 Leadership in Organizations

**Alfred University Courses**

ACC 215 Financial Accounting

ACC 216 Managerial Accounting

MIS 101 Business Perspectives

BUS 260 Operations Research

MGT 328 Management and Organizational Behavior

MKT 321 Principles of Marketing

**Rochester Institute of Tech. Courses**

ACCT 201/202 Principles of Accounting I and II plus

MGMT 310 Organizational Behavior and Ethics

EMRE 330 Human Resource Management

EMRE 432 Organizational Development

MGMT 301 Principles of Management

MGMT 420 Leadership in Organizations

**SUNY Potsdam Courses**

ACCT 201/202 Principles of Accounting I and II

MGMT 310 Organizational Behavior and Ethics

EMRE 330 Human Resource Management

EMRE 432 Organizational Development

MGMT 301 Principles of Management

MGMT 420 Leadership in Organizations

**Rochester Institute of Tech. Courses**

ACCT 201/202 Principles of Accounting I and II plus

MGMT 310 Organizational Behavior and Ethics

EMRE 330 Human Resource Management

EMRE 432 Organizational Development

MGMT 301 Principles of Management

MGMT 420 Leadership in Organizations

**Students must also successfully pass statistics portion of Grad Math/Grad Stat exam offered at orientation.**
MBA with Union University (4+1)
Contact Person: Joe Timmerman, Depart. of Business Administration
212 Dunn, 315-267-2219, timmerja@potsdam.edu

The MBA Graduate School of Union University has established a 4+1 agreement with SUNY Potsdam to allow SUNY Potsdam students to complete their MBA degree in one additional year after graduation from their undergraduate programs.

The MBA program prepares students for analytical, managerial, and executive-level positions in a variety of enterprises. The design and delivery of the curriculum emphasizes broad exposure to core business disciplines; the building of analytical, computer, communication and human management skills; and the development of an ethical systems-oriented, cross-functional perspective for decision making.

Graduate management study at Union University is a very specialized experience. Union's first-rate faculty delivers a flexible, global curriculum within a “small college” environment with the opportunities of a strong global MBA. It is Union's size and careful attention to the individual needs of each student that make graduate study at Union such a rewarding experience. Small classes meet in the evening, enabling Union to bring full- and part-time students, from all educational backgrounds, together in exciting and diversified ways. Faculty is routinely accessible outside of class for individual student questions and conversation.

Upon completion of the junior year at SUNY Potsdam, students may be granted “early admissions” if they have achieved a GPA of 3.4 and a GMAT of 600 or above. “Regular admissions” applicants must have a GPA of 3.0 and a GMAT score of 500 or above.

Students must complete the SUNY Potsdam courses listed below with a grade of B- or above to waive the 8 MBA equivalents at Union University in order to graduate from the MBA program in one additional year.

SUNY Potsdam Courses

- MATH 151 Calculus or MATH 125 Probability and Statistics I
- ECON 375 Mathematical Economics or ECON 300 Statistical Methods in Economics and Business
- any two of the following four:
  - ECON 380 Introduction to Econometrics
  - MATH 126 Probability and Statistics II
  - MATH 461 Probability and Mathematical Statistics I
  - MATH 562 Probability and Mathematical Statistics II
- ECON 105 Principles of Microeconomics and ECON 110 Principles of Macroeconomics
- ACCT 201 Principles of Accounting I and ACCT 202 Principles of Accounting II
- ACCT 385 Managerial Accounting and FINA 301 Finance

Union University Courses

- GMI 201 Mathematics of Management (1/2)
- GMI 202 Introduction to Probability (1/2)
- GMI 206 Statistical Models for Management
- GMI 220 Principles of Economics
- GMI 210 Financial Accounting
- GMI 212 Managerial Accounting and Finance
- GMI 270 Legal Principles of Business

plus one of the following:

- EMRE 301 Employment Law
- EMRE 322 Labor Law
- EMRE 301 Principles of Management
- GMRI 251 Managing People & Teams in Organizations

plus one of the following:

- EMRE 330 Human Resource Management
- EMRE 432 Organizational Development
- MGMT 310 Organizational Behavior and Ethics
- MGMT 420 Leadership in Organizations
- MKTG 301 Principles of Marketing
- GMI 225 Marketing Management & Strategy
- MKTG 320 Principles of Advertising and Promotion
- MKTG 330 Marketing Research
- MGMT 301 Legal Environment of Management
- EMRE 330 Management of Information Systems

MBA Programs with Clarkson University (4+1)

Bus Admin 201 Principles of Accounting I
Bus Admin 202 Principles of Accounting II
ECON 105 Principles of Microeconomics
ECON 110 Principles of Macroeconomics
FINA 301 Finance Corporate Finance
FINA 310 Financial Management
FINA 315 Financial Management
FINA 320 Financial Management

plus one of the following:

- EMRE 301 Employment Law
- EMRE 322 Labor Law
- EMRE 301 Principles of Management
- GMRI 251 Managing People & Teams in Organizations

plus one of the following:

- EMRE 330 Human Resource Management
- EMRE 432 Organizational Development
- MGMT 310 Organizational Behavior and Ethics
- MGMT 420 Leadership in Organizations
- MKTG 301 Principles of Marketing
- GMI 225 Marketing Management & Strategy
- MKTG 320 Principles of Advertising and Promotion
- MKTG 330 Marketing Research
- MGMT 301 Legal Environment of Management
- EMRE 330 Management of Information Systems

MBA Programs with Clarkson University (4+1)

Contact Person: Joe Timmerman, Depart. of Business Administration
212 Dunn, 315-267-2219, timmerja@potsdam.edu

The Whitman School of Management at Syracuse University has established a 4+1 agreement allowing SUNY Potsdam students to complete their Masters of Science in Accounting in one additional year of study.

Any SUNY Potsdam graduate meeting the following minimum admission standards will be accepted for admission to the Whitman MSA program in the year immediately following (or up to five years following) the completion of her/his degree requirements. At the time of admission, the applicant must have (1) a GMAT score at or above a 550 and (2) a 3.4 grade point average (last two academic years of study). All foundation courses must be completed with a cumulative GPA of “B” or better prior to entering the Syracuse program. The Whitman School of Management at Syracuse University shall be responsible for tracking the minimum grades in required foundation courses and the “B” cumulative grade point average in the last two years of academic study from the transcript the applicant supplies for the admission application.

Students that meet the above criteria and enroll in the MSA program will be reimbursed for their application fee and GMAT exam costs. In addition, a merit scholarship of at least $5,000 will be awarded.

SUNY Potsdam Courses

- ACCT 201 Principles of Accounting I
- ACCT 202 Principles of Accounting II
- ECON 105 Principles of Microeconomics
- ECON 110 Principles of Macroeconomics
- FINA 301 Finance Corporate Finance
- STAT 100 Statistics

Syracuse Required Foundation Courses

- Financial Accounting
- Managerial Accounting
- Microeconomics
- Macroeconomics
- Statistics and Probability

Please see page 72.
One Year MSA Program Structure
Building on a knowledge base in undergraduate subjects, the one year MSA program consists of 30 semester hours of study at the graduate level. The core consists of seven advanced accounting courses each worth three credit hours:
• Taxes and Business Strategy
• Financial Statement Analysis
• Strategic Cost Analysis
• Advanced Auditing
• Finance Elective
• Quantitative Methods Elective
• Economics Elective

The remaining nine hours (three courses) consist of three electives from among the graduate offerings of the Whitman School of Management. Thus, the candidate has the opportunity to pursue advanced work in the above functional areas as well as specialized work in a variety of other areas.

MSF with Syracuse University (4+1)
Contact Person: Joe Timmerman, Dept. of Business Administration
212 Dunn, 315-267-219, timmerja@potsdam.edu

The Whitman School of Management at Syracuse University has established a 4+1 agreement allowing SUNY Potsdam students to complete their Masters of Science in Finance in one additional year of study. Any SUNY Potsdam graduate meeting the following minimum admission standards will be accepted for admission to the Whitman MSF program in the year immediately following (or up to five years following) the completion of her/his degree requirements. At the time of admission, the applicant must have (1) a GMAT score at or above a 600 and (2) a 3.4 grade point average (last two academic years of study). All foundation courses must be completed with a cumulative GPA of “B” or better prior to entering the Syracuse program. The Whitman School of Management at Syracuse University shall be responsible for tracking the minimum grades in required foundation courses and the “B” cumulative grade point average in the last two years of academic study from the transcript the applicant supplies for the admission application.

Students that meet the above criteria and enroll in the MSF program will be reimbursed for their application fee and GMAT exam costs. In addition, a merit scholarship of at least $5,000 will be awarded. Students that actively pursue CFA (Chartered Financial Analyst) certification will be reimbursed for part one of the exam by the Whitman School of Management up to and not exceeding $1,000.

SUNY Potsdam Courses
ACCT 201 Principles of Accounting I
ACCT 202 Principles of Accounting II
ECON 105 Principles of Microeconomics
ECON 110 Principles of Macroeconomics
FINA 301 Finance Corporate Finance
STAT 100 Statistics
MATH 151 Calculus I

Syracuse Required Foundation Courses
Financial Accounting
Managerial Accounting
Microeconomics
Macroeconomics
Statistics and Probability
Calculus

One Year MSF Program Structure
Building on a knowledge base in undergraduate subjects, the one year MSF program consists of 30 semester hours of study at the graduate level. The core consists of 18-21 credits of advanced finance courses each worth three credit hours.

The remaining program requirement consists of nine to twelve credit hours of elective courses from other related subject areas at the Whitman School of Management. Thus, the candidate has the opportunity to pursue advanced work in the above functional areas as well as specialized work in a variety of other areas.

Reserve Officers Training Corps (ROTC)
ROTC at SUNY Potsdam is an elective course of study that provides college-trained officers to the United States Army and Air Force. SUNY Potsdam students cross-enroll into one of the Clarkson University ROTC programs. Upon graduation and successful completion of either the Army program in Military Science or the Air Force program in Aerospace Studies, students receive appointments as commissioned officers in the grade of second lieutenant. Each program provides a Basic Course in the Freshman and Sophomore years and an Advanced Course in the Junior and Senior years. Army sophomores with no ROTC experience may receive credit by attending a special, expenses paid, six-week long Basic Camp in the summer prior to their junior year. There are other options available for veterans and graduate students. Students may enroll in the ROTC Basic Course or attend the Basic Camp without incurring any military service obligation. Uniforms and books required for ROTC courses are furnished free of charge to students in the Basic and Advanced Courses. Advanced course students are currently paid $450-$500 per month (tax-free) stipend to offset living costs. Qualified students are eligible to compete for Army and Air Force ROTC Scholarships. For more information, call 315-268-7989 for Air Force or 315-265-2180 for Army.

Aerospace Studies (Air Force ROTC)
Air Force Reserve Officer Training Corps (AFROTC) combines college study with military leadership, discipline, and training to produce officers and leaders for the United States Air Force. Upon graduation with at least a bachelor’s degree, students are commissioned as second lieutenants in the Active Duty Air Force. A commission is an appointment to a military office by the President of the United States.

Curriculum
AFROTC is normally a four-year program divided into two portions, the General Military Course (GMC) for freshman and sophomores, and the Professional Officer Course (POC) for juniors and seniors. All students also complete Leadership Laboratory (LLAB) each semester. Based on the needs of the Air Force, students are often allowed to enroll as late as the fall of their junior year. The GMC curriculum is covered during an extended Field Training in the summer after their junior year.

GMC
The GMC involves a one credit hour course and a two-hour Leadership Laboratory each semester. The freshman curriculum introduces the Air Force mission and organization, covers the basics of military customs and courtesies, military correspondence styles, and drill and ceremonies. The sophomore curriculum focuses on the history of air power, starting with the Wright Brothers’ first flight at Kitty Hawk, and traces the evolution of aircraft and Air Force missions throughout
WWI, WWII, Korea, Vietnam, the Gulf War, and recent operations around the world such as Afghanistan and Iraq.

Field Training
After successful completion of the GMC, students are normally scheduled to attend Field Training during the summer between the sophomore and junior year. Field Training is an intense, four-week, hands-on leadership challenge. Cadets will be evaluated on their mastery of military customs and courtesies, drill and ceremonies, and on their leadership ability. Cadets are exposed to a variety of challenges to force them to work as a team, learn to critically evaluate situations, and perform under stress. While no cadet will tell you it is fun, Field Training is often a life-changing experience that builds self-confidence and fine-tunes leadership skills.

POC
After successfully completing Field Training, cadets are sworn in to the POC and are enlisted in the inactive reserves while they complete their final two years of college. The junior curriculum focuses on an in-depth study of leadership and management concepts. The senior curriculum continues to emphasize leadership, but introduces national security concepts and issues, military law, the law of armed conflict, and preparation for entrance into the Active Duty Air Force. POC cadets are placed in leadership positions and are charged with running the cadet wing that is modeled after the organizational structure of the active duty Air Force.

Leadership Laboratory (LLAB)
LLAB is a hands-on leadership training program. The POC plan and execute 13 labs in which the GMC are instructed in skills they will need to successfully complete Field Training and for a thriving military career. POC members are responsible for planning and executing LLAB, as well as other extra-curricular activities like formal dinners and awards ceremonies. Cadets are challenged in the classroom, and their jobs in the cadet wing require them to put the theories into practice.

Scholarships
Merit-based tuition scholarships are available to AFROTC cadets; they vary from $3,000 to full tuition. Below is a list of current scholarships.

- **TYPE I** – Full tuition and fees scholarship
- **TYPE II** – $18,000 towards tuition and fees
- **TYPE III** – $9,000 towards tuition and fees
- **TYPE VI** – $3,000 towards tuition and fees
- **TYPE VIII** – A competitive-based academic upgrade of a TYPE II, pays up to 80% of tuition

Other Benefits (all scholarships include the following):

- Monthly Stipend during the academic year
  - FR = $300, SOPH = $350, JUN = $450, SEN = $500
- $450 per semester for books

Other Activities
Air Force ROTC presents many unique opportunities for its cadets. On weekends in the fall and spring, cadets can receive up to eight hours of no-cost flight instruction through the Civil Air Patrol. In addition, every winter break the cadet corps has the opportunity to visit an Air Force Base and see firsthand how the Air Force works. These trips often include incentive flights on a variety of military aircraft. Cadets can also compete for summertime opportunities to earn parachute wings (free-fall and airborne) and travel to overseas bases at no cost. For more details contact the Aerospace Studies Department at 315-268-7989.

### Aerospace Studies Curriculum* Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td><strong>First Year: First semester</strong></td>
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<td></td>
</tr>
<tr>
<td>AS 101</td>
<td>The Air Force Today</td>
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<tr>
<td>AS 103</td>
<td>Leadership Laboratory</td>
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<td><strong>First Year: Second semester</strong></td>
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<td>AS 102</td>
<td>The Air Force Today II</td>
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<td>AS 104</td>
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<td>Evolution of Air Power I</td>
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<td>AS 203</td>
<td>Leadership Laboratory</td>
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<tr>
<td><strong>Sophomore Year: Second semester</strong></td>
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<tr>
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<td>Evolution of Air Power II</td>
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<td>AS 204</td>
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<td><strong>Junior Year: First semester</strong></td>
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<td>AS 303</td>
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<td>AS 302</td>
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<td>AS 304</td>
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<td><strong>Senior Year: First semester</strong></td>
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<td>National Security Forces in Contemporary American Society I</td>
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<td>AS 403</td>
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<td>AS 402</td>
<td>National Security Forces in Contemporary American Society I</td>
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<td>AS 404</td>
<td>Leadership Laboratory</td>
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*Course may be applicable as free electives in some majors where noted. Consult individual departments for details.

Military Science (Army ROTC)
The Clarkson University Army ROTC Golden Knight Battalion was founded in 1936 in order to establish a program in which students could obtain commissions as Second Lieutenants in the United States Army upon graduation. Since then, it has commissioned over 1,100 leaders into the Active, Reserve and National Guard components. Today, the Golden Knight Battalion continues to commission high quality officers from Clarkson University, St. Lawrence University, SUNY Potsdam and SUNY Canton.

The goal of the department is to develop individual leadership skills and managerial ability while preparing young adults to become leaders in the United States Army. Army ROTC is a widely accepted part of campus life with cadets active in all campus activities including student government, varsity athletics and Greek life. The Battalion is approximately 100 cadets strong, and its focus remains steady on the development and training of America’s future leaders. The end result of successful completion of Army ROTC program is a commission in the U.S. Army as a Second Lieutenant.

Program
The ROTC program complements the traditional college curriculum by placing an emphasis on developing the student’s leadership, management and interpersonal skills through dynamic and challenging instruction and training. Along with the class room instruction is a physical fitness component. Future officers must meet medical and fitness standards to commission. Many academic schools at SUNY Potsdam give PE credit...
for the Army ROTC class. Upon graduation, cadets are commissioned as Second Lieutenants into one of 16 career fields in the Active Army, Army Reserve or National Guard.

Scholarships

Army ROTC offers a number of scholarships for students interested in the program. Four-, three- and two-year scholarships are awarded to students on a merit-basis. Students may apply for four-year scholarships while still in high school as well as two- and three-year scholarships once on campus. These scholarships include:
1. Full payment of SUNY tuition and mandatory fees or room and board at SUNY Potsdam;
2. $600 per semester for textbooks and classroom supplies;
3. $350-$500 monthly stipend for up to 10 months per year.

Military Science Curriculum

<table>
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<th>Credit Hours</th>
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<td>Leadership Laboratory</td>
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<tr>
<th>Credit Hours</th>
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<td>2</td>
<td>Foundations of Leadership</td>
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<td>Adaptive Team Leadership</td>
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<tr>
<th>Credit Hours</th>
<th>Senior Year: Second semester</th>
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<td>Leadership in a Complex World</td>
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For more information you can visit [www.armyrotc.com](http://www.armyrotc.com). To cross enroll in an Army ROTC class with no obligation, contact the Golden Knight Battalion at 315-265-2180 or email armyrotc@clarkson.edu.

INTERDISCIPLINARY STUDIES

Learning Communities

**Contact Person:** David Bugg, Department of Sociology
311-1 Satterlee, 315-267-3481, buggd@potsdam.edu

Learning Communities are cohorts of 10 to 30 students enrolled together in an interdisciplinary set of two to five courses. Instructors often collaborate to integrate their courses around a theme or problem. Examples of recent Learning Communities are Environmental Studies, Power and Money and Bridging Cultures. Nationwide research indicates that Learning Communities intensifies cooperation among students and faculty, forming a community of scholars. Students and faculty are motivated by the interaction and see more clearly the ways in which each discipline contributes to an overall understanding of the issue under study.

Each fall first-time students entering the College, enroll in one of two dozen First-Year Interest Groups (FIGs), such as Archaeology, Natural Science and Pre-Med, Childhood Education, or Business and Theatre Production. Some FIGs include the First-Year Success Seminar (FYSS), a course designed to accelerate students’ adaptation to college life and study, and some include a residential component. After the fall semester, Learning Communities are available as an option at an upper division level. Some, such as CSI Potsdam and Business, serve specific majors, while others, such as Invitation to Health, enroll students of many majors by satisfying General Education requirements.

**Adirondack Environmental Studies Semester for First-year Students**

**Contact Person:** Phil Neisser, Environmental Studies
103 Dunn, 315-267-2230, neissept@potsdam.edu

The “Adirondacks” offers a complete semester of five courses taught by a team of professors from various disciplines that share a common environmental studies emphasis and use the Adirondack Park region as case study material. The program enrolls 20 first-year (freshman) students who work closely all semester with professors, advisers, and each other in frequent team projects, labs, field trips and studios. It constitutes a complete semester schedule of approximately 15 credit hours. It is appropriate for undeclared students as well as those interested in SUNY Potsdam's Environmental Studies major, Environmental Science minor and Environmental Studies minor.

Courses in the package change slightly from year to year, but always include the sciences, social sciences, arts and humanities. The package generally features courses in composition, environmental studies, ecology, and drawing. Being a complete semester schedule, the program satisfies several General Education requirements in an unusually coherent fashion.

**Environmental Studies Major (B.A.)**

43-51 credit hours required.

**Contact Person:** Phil Neisser, Environmental Studies
103 Dunn, 315-267-2230, neissept@potsdam.edu

The major includes course offerings from twelve departments and programs. The curriculum emphasizes the social sciences, humanities, and natural sciences to prepare students to shape viable environmental policy and practice, as citizens as well as environmental educators, planners, policy analysts, advocates, lawyers, and field managers. The major also prepares students for graduate school in related environmental fields.

The curriculum’s distinctive feature is that it employs the nearby Adirondack Park as case study and field site, grounding theory in the experience of a protected area of international importance. First-year students are advised to begin with the Adirondacks Environmental Studies Semester. The service-learning capstone experience provides students with the opportunity to gain hands-on experience in the environmental field during the summer after the junior year. In a three-credit fall seminar, seniors develop and present an independent research project.

A grade of 2.0 or better must be achieved in all courses.