
Curriculum

Degrees Offered

St. Lawrence offers undergraduate Bachelor of Arts and Bachelor of Science degrees. The degree of Bachelor of Arts is given on the satisfactory completion of programs of study with concentration in the fields of anthropology, African studies (combined major), Asian studies (combined major), Canadian studies (combined major), economics, economics-mathematics (interdisciplinary major), English, environmental studies, fine arts, global studies, government, history, modern languages and literatures, music, philosophy, religious studies, sociology and speech and theatre, or a multi-field program with concentration in two or more of these fields.

The degree of Bachelor of Science is given on the satisfactory completion of programs of study with concentration in the fields of biology, biology-physics (interdisciplinary major), biochemistry, chemistry, computer science, economics-mathematics (interdisciplinary major), geology, geology-physics (interdisciplinary major), mathematics, mathematics-computer science (combined major), neuroscience, physics and psychology, or a multi-field program with concentration in two or more of these fields.

Either the Bachelor of Arts or Bachelor of Science degree may be elected upon satisfactory completion of a double major if one of the majors is appropriate to the degree. A multi-field major may elect either the degree of Bachelor of Arts or Bachelor of Science when

the major consists of two fields and each is appropriate to a different degree.

Inquiries for information concerning the degree of Master of Education should be directed to the chair of the education department.

Distribution and Graduation Requirements

Thirty-three and a half semester course units, including eight to 12 units in a major field and six units in specified distribution areas, all successfully completed, are required for graduation and are ordinarily earned in four academic years. Also required are a 2.0 cumulative grade point average (GPA) overall and in the major and minor fields, based on St. Lawrence University courses only. The normal course load is four units per semester, except for an additional half unit as required by the First-Year Program during the two semesters of the first year. Each full unit is equivalent to 3.6 semester hours.

To graduate from St. Lawrence a student must complete a number of requirements. All students declare a major at the end of the sophomore year. In addition to the major, students must successfully complete a series of courses designed to provide breadth, called distribution requirements. The distribution requirements vary based on the date of a student's matriculation at St. Lawrence: one set applies to students who matriculate prior to

fall 2001; the other to students who matriculate in fall 2001 or later. Students also must satisfy the First-Year Program requirement and the writing competency requirement, which are described below.

Distribution Requirements

The registrar maintains a list of courses that fulfill distribution areas. The list is published each semester in the *Class Schedule*. Students may not transfer courses from other institutions for St. Lawrence University distribution credit after the time of their matriculation.

Prior to Fall 2001

Students matriculating at St. Lawrence prior to fall 2001 must meet the following distribution requirements.

- I. *Students must take one course in each of three areas:* natural sciences, social sciences and humanities. The course taken in the natural science category must have a laboratory.
- II. *Graduation Requirement in Non-Western and Third-World Studies.*
Students must complete at least one course dealing with non-Western or third-world topics.
- III. *Graduation Requirement in Liberal Arts.*
Students must complete at least two courses from the classical liberal arts, with at least one course from two of the following areas: mathematics or symbolic logic, arts or forms of expression and foreign languages.

Fall 2001 and Later

Students entering St. Lawrence University in fall 2001 and later must complete the following distribution requirements. These are abbreviated descriptions of the distribution categories; the complete faculty-approved policy statement is filed in the registrar's office.

Arts/Expression. An approved course that provides active learning through creative expression.

Humanities. One course approved as involving the critical interpretation of traditional and contemporary works of literature, history,

political thought, philosophy, religious studies and the arts, both visual and performing.

Social Science. An approved course that provides an awareness of how economic, political and social institutions can be organized, evidence about them analyzed and social science knowledge generated.

Mathematics or Foreign Language. An approved course that develops either quantitative reasoning and analytical thought or provides knowledge of a foreign language and understanding of a foreign culture.

Natural Science/Science Studies. Two courses approved as providing a foundation in the natural sciences and the interplay between science and society. One of the two courses must include a laboratory.

Courses meeting the above distribution requirements must include courses from six different departments or programs. A course can meet only one of the above distribution requirements.

Diversity Requirements

Students entering St. Lawrence in fall 2001 or later must take two courses from two different departments or programs approved as engaging participants in the critical study of sameness and difference, including diverse social and cultural practices and beliefs, either within or outside the United States. Courses meeting the diversity requirement may also be counted toward other major and minor requirements, but not toward FYP/FYS requirements. Participation in an approved program of study abroad will satisfy one diversity course requirement.

First-Year Program (FYP)/ First-Year Seminar (FYS)

In addition to three other courses drawn from the general curriculum as described in the following pages, students in their first semester enroll in a combined academic and residential program that emphasizes critical thinking and active student participation in both the classroom and the residence. The program consists of four parts:

1. An interdisciplinary, team-taught course illustrative of some of the enduring themes of the human experience.
2. An emphasis on communications skills, in particular, writing, speaking and research.
3. An advising system that ensures systematic and supportive involvement of faculty with students through coursework and out-of-class meetings.
4. A residential college system wherein each first-year residence houses students enrolled in the same section of the team-taught course, with the goal of developing integrated living and learning communities.

In the FYP, first-year students meet with the other students in their residence and several faculty members, including their advisors, on a regular basis and in the context of a broad-based course that focuses on the breadth of the liberal arts and encourages student participation, collaborative intellectual experiences, self-expression and critical thinking.

All first-year students enroll in one of approximately 12 sections of FYP 187. Each section explores a distinct set of themes or issues. In the summer before matriculation, students receive descriptions of these sections and may choose the FYP sections they find most interesting. Each section of the FYP corresponds to a residential college. Each section meets twice a week with a faculty team of two or three; smaller groups within each section meet twice weekly with one of the faculty members, who also serves as the academic advisor to the members of the group.

The residential college faculty also plan co-curricular programs related to the course themes and they encourage students to take advantage of the full schedule of University social and intellectual activities. The residents, the residential staff and the faculty of each teaching team work together to design programs and encourage maximum student involvement in the life of the residential college. In addition to encouraging students to participate in their own colleges, the FYP coordinates a first-year council, made up of student representatives from each of the colleges. The coun-

cil provides an opportunity for students to develop leadership skills, participate in University governance, address issues of concern to first-year students and plan social events for the entire first-year class.

In the second semester of the first-year, students continue to develop their research, writing and oral communication skills in one of approximately 36 research seminars. Although they will be guaranteed a space in the course taught by their fall FYP advisor, students may also choose to enroll in a seminar with a different faculty member. In the fall semester, students will be asked to indicate which first-year seminars they find most interesting. At the same time, student life and faculty will continue to work with the residential communities to facilitate both the continued development of these communities and the transition to upper-class residential life. The first-year council also continues to plan events for all first-year students.

Because of the importance of the FYP and FYS in orienting students to St. Lawrence, withdrawal from those courses is not permitted. Students who fail the FYP must complete alternative coursework to be determined on a case-by-case basis by the associate dean of the first year and the director of the University writing program.

Students who fail the FYS must retake the FYS in their sophomore year.

Writing Competency Requirement

To be eligible for graduation, all St. Lawrence students must demonstrate throughout their college careers the ability to write prose that is judged competent by their professors.

1. The instructor will indicate on the grade report an unsatisfactory writing (U/W) notation when a student has not shown satisfactory writing skills.
2. When a student acquires two notations of U/W, he or she is required to complete an individualized writing program developed by the Writing Center. Seniors must demonstrate writing competency before receiving their degrees.

- The notations of U/W are monitored by the registrar and do not appear on student official transcripts.

Residence Requirement

It is a basic requirement that two years (16 units), including at least one semester of the final year before graduation, be taken in residence at St. Lawrence.

Programs of study at other institutions during the senior year must have prior approval from the major advisor and the committee on off-campus study and must be authorized by the dean of academic affairs. Permission to pursue such programs during the final semester and/or summer session before graduation is granted only in extraordinary circumstances.

Fee/Commencement Requirement

No students will be graduated, allowed to participate in the May graduation exercise or receive a transcript of their records if they have not discharged all financial obligations to the University or if they are not present at or formally excused from the graduating exercises at which the degree is to be conferred.

Major Requirements

All students are expected to complete a concentrated field of study referred to as the major. St. Lawrence offers students several options when completing their major requirement: a single departmental major, a double departmental major, a combined major, an interdisciplinary major and a multi-field major. These different types of majors are described below; however, all major programs have three common expectations: (1) students will be accepted by the department(s) in which they will undertake concentrated work during the second semester of their sophomore year; (2) students will elect no fewer than eight semester unit courses in their major field; and (3) no student may be required to take more than 12 units in one department or permitted to take more than 14 units in one department. Related course work for a major may be recommended and/or required. Courses in the student's major

field cannot be taken on a pass/fail basis after the major has been declared.

Students' programs in the junior and senior years are arranged in consultation with their advisor(s) and the chair(s) of their major department(s). Junior students must be accepted to a department for a major program as a condition for spring term registration. Transfer students entering at the junior level should review major requirements at the time of application, and must declare the major no later than the beginning of the second term of attendance.

Change of the major field may be made only with the consent of the chair and the student's advisor for the new major. Forms for this change are available from the director of advising.

Admission to a Major

- Students will be admitted to a department as majors if they present a 2.0 cumulative average, including a 2.0 average in the major field.
- Students on probation at the beginning of the junior year should seek admission to a department in which they have a 2.0 average in the major field. These students also have the option of seeking a probationary admission to a major department in which they have below a 2.0 average in the major field. A probationary admission must be approved by the department chair.
- Students must declare a major in the spring of their sophomore year or file a petition to postpone major declaration with the director of advising.

Continuance in a Major

- After being accepted by a major department, students must maintain a 2.0 minimum average in the major field to continue as majors. If a student falls below a 2.0 average in the major field, that student and the department will be notified that he or she can no longer continue as a major. The student is also placed on academic probation by the academic standing

committee. At that time the student must find acceptance in another department in which he or she has a 2.0 average in that major field. The student also has the option of seeking probationary acceptance by the department from which he or she was dropped, or by any other department that may grant probationary admission. The department chair must approve a probationary admission. If a student can neither find acceptance in another department nor gain a probationary admission, he or she will be suspended from the University.

2. Students who gain probationary admission to a major department have one semester in which to raise their average in the major field to a 2.0 or above and to remove themselves from academic probation. If, at the end of the probationary semester, a student has not raised his or her average in the major field to a 2.0, the student and the department will be notified that he or she cannot continue as a major. Again, the student must either find acceptance in another department or seek continuance of the probationary admission. The department chair must approve a continuance of a probationary admission. If a student can neither find acceptance in another department nor gain a continuance of a probationary admission, he or she will be suspended from the University.
3. Students who are dropped from a major and/or suspended from the University should consult with the director of advising. Students who are suspended from the University may appeal their suspension to the academic standing committee.

Comprehensive written examinations may be required at the discretion of the major department and may be given prior to the final examination period of the senior year. In such cases, a student must pass the comprehensive examination in the major field to complete the requirements for the major; failure may be removed by a further examination taken at the close of any subsequent term not later than two weeks prior to its close.

At the time of graduation, students must present a 2.0 cumulative average in St. Lawrence courses taken in their major department(s).

Types of Major Programs

Departmental Majors

The fields of study that offer single departmental majors are listed below. In their departmental major field, students elect no fewer than eight and normally no more than 12 semester unit courses. In unusual circumstances a department may permit individual majors to take up to 14 units; no student, however, may be required to take more than 12 or permitted to take more than 14 units in one department. Related course work may be recommended and/or required. A single departmental major may be chosen from one of the following fields:

- Anthropology
- Biology
- Biochemistry
- Chemistry
- Computer Science
- Economics
- English
- Environmental Studies
- Fine Arts
- French
- Geology
- German
- Global Studies
- Government
- History
- Mathematics
- Multi-language
- Music
- Neuroscience
- Philosophy
- Physics
- Psychology
- Religious Studies
- Sociology
- Spanish
- Speech and Theatre

Double, Combined, Interdisciplinary and Multi-field Major Programs

A student in good academic standing may declare either a double, combined, interdisciplinary or multi-field major.

For a *double major*, a student pursues concentrated work in any two departments offering a major (see above list) and meets the requirements for a major in both. The student may not count for graduation more than 22 units of such work. If majoring in the two departments leads to different degrees, the student may elect to receive either the B.A. or the B.S.

For an *interdisciplinary major*, a student pursues coordinated concentrated work in any two departments that develop a joint major involving courses from each department. Unlike double majors, interdisciplinary majors do not have to meet all the requirements for both single majors. Thus, interdisciplinary majors meet some but not all of the separate requirements for departmental majors in each department. St. Lawrence currently offers the following interdisciplinary majors: biology-physics, economics-mathematics, geology-physics and environmental studies with anthropology, biology, chemistry, economics, English, geology, government, philosophy, psychology or sociology.

A *combined major* allows a student to pursue concentrated work in any one department offering a major (see above list) and any special non-departmental academic programs, which are described in the Courses of Study chapter of this *Catalog*. St. Lawrence has special academic programs of study in African studies, Asian studies, Canadian studies, Caribbean and Latin American studies, cultural encounters, environmental studies, gender studies and Native American studies. While all students may pursue course work in these special studies programs, St. Lawrence offers established combined major programs in the following areas:

- African studies combined with history, government, anthropology or economics.
- Asian studies combined with history, government or religious studies.
- Canadian studies combined with anthropology, economics, English, fine arts, government, history, modern languages and literatures, religious studies or sociology.
- Mathematics combined with computer science.

The *multi-field major* program is designed for students who wish to study intensively in a multidisciplinary field but cannot achieve this goal through an existing departmental or interdisciplinary major. The multi-field program provides an opportunity for students to design their own program of study.

A student intending to pursue a multi-field major must submit a proposal for his or her individual plan of study to the multi-field major committee. Submission of a proposal does not guarantee acceptance into the program; the proposal must be approved by the committee. The proposed program must be an integrated plan of study for the junior and senior years that incorporates course work from a minimum of two departments or fields. The proposal must be signed by at least one faculty member in each field; one member of the faculty in that program or field will serve as the student's primary academic advisor. This advisor will have the same responsibility as a departmental advisor. After the proposal has been approved by the multi-field major committee, any subsequent changes from those courses specified in the proposal must be approved by the student's advisor and submitted in writing to the committee before the student begins to follow his or her new course plan.

A proposal for a multi-field major should be submitted during the student's sophomore year. The latest a student may submit a proposal is in the third week of the second semester of his or her junior year.

A student entering the multi-field program must fulfill the distribution, unit and GPA requirements for graduation. A student must have a 2.0 overall GPA to be admitted to the

program and must maintain a 2.0 cumulative average in his or her multi-field major to continue in the program. Students should be aware that certain courses carry prerequisites and that these apply to the multi-field major as well as the departmental major.

A proposal for a multi-field major is both a description of the academic plan and a commitment to adhere to the objectives stated in the plan. A proposal must contain:

1. A narrative section that describes the academic purposes of the program. The description must include a specific and detailed explanation of the question or area of interest that is the focus of the proposal. Also, the narrative must clearly and coherently demonstrate how the courses included in the proposal constitute an integrated, in-depth study of the question or interest. Proposals that display an ambiguous focus and randomly selected courses from unrelated fields of study will be rejected.
2. A completed Form A, obtainable from the chair of the multi-field major committee, which lists:
 - a. a minimum of two fields of study;
 - b. a minimum of four semester units in each field;
 - c. at least one advanced semester unit (300-level or above) in each field;
 - d. a total of at least six advanced semester units within the chosen fields of study.Form A must include the signatures of faculty sponsors in each field listed. One of these faculty sponsors must be designated as the primary academic advisor.
3. A current academic transcript. Students choosing the multi-field major program are encouraged but not required to pursue an interdisciplinary, independent project (Multi-field 489 and/or 490) as part of the major. This project allows the student to pursue independent work in his or her area of interest as defined by the original proposal and should demonstrate the interrelationships

among the fields comprising the multi-field major. The project can be submitted as one of the six advanced semester units and its focus should be described briefly in the proposal. Projects are normally undertaken during the senior year.

A student may graduate with honors from the multi-field major program. Honors for the multi-field major requires a 3.5 GPA in the multi-field major, satisfactory completion of an interdisciplinary, independent project (Multi-field 490) and the presentation of its results in some academic forum. The student must also receive the recommendation of his or her advisors. (See also Distinction and Honors on page 27.)

Academic Minors

Academic minors were established by the faculty at St. Lawrence in the spring of 1986 with the goal of extending the curriculum's flexibility while adding another medium of connection, coherence and integration to the student's course of study. A student who has declared a single major may elect one or two minor fields; a student who has declared a double or combined major may elect one minor field.

Minors normally consist of five to seven courses, as defined by departments or interdisciplinary programs. The minor in education requires additional courses as mandated by the New York State Department of Education and the Board of Regents. (See individual program descriptions for details on specific programs.) A minor may not be declared in the student's major field, although a student may major in one foreign language and minor in another. Courses taken in the minor field beyond the maximum number required for the minor are not counted in the minor, but are counted in the 33.5 units required for graduation. Students must present a 2.0 average at the time of graduation in all courses taken in their minor departments. Semester course units in the student's minor field cannot be taken on a pass/fail basis after the minor is declared.

The following academic minors are available:

Department Minors

- Anthropology
- Biology
- Chemistry
- Computer Science
- Economics
- Education
- Fine Arts
- Film Studies
- French
- Geology
- German Studies
- Government
- History
- Literature (English)
- Mathematics
- Music
- Philosophy
- Physics
- Psychology
- Religious Studies
- Sociology
- Spanish
- Speech and Theatre
- Sports Studies and Exercise Science
- United States Cultural and Ethnic Studies

Program Minors

- African Studies
- Applied Statistics
- Asian Studies
- Canadian Studies
- Caribbean and Latin American Studies
- Cultural Encounters
- European Studies
- Film Studies
- Gender Studies
- Multi-field
- Outdoor Studies

Academic Regulations

Academic Honesty

The primary objective of the University is the promotion of knowledge. This objective can

be furthered only if there is strict adherence to scrupulous standards of honesty. At St. Lawrence, all members of the University community have a responsibility to see that standards of honesty and integrity are maintained. It is the responsibility of each student to learn and understand the standards of academic integrity expected at St. Lawrence, as expressed in the University's academic honor code. Additional information regarding academic honesty, plagiarism and academic dishonesty procedures and penalties can be found in the *Student Handbook*.

Student Records

The Family Educational Rights and Privacy Act (FERPA) of 1974, as amended, became effective on December 31, 1974. The purpose of the act as it pertains to post-secondary institutions is twofold: to assure students access to their educational records and to protect an individual's right to privacy by limiting the sharing of student records without his or her consent.

This information is made available to all students in accordance with the requirement that they be informed of the rights afforded them by the act. Specifically, students are advised of their rights as follows:

Records available to students: Matriculated students have "the right to inspect and review any and all official records, files, and data... including all material that is incorporated into each student's cumulative record folder, and intended for school use or to be available to parties outside the school...." St. Lawrence University defines "official records, files and data" and "cumulative record folder" to be the student's records as maintained by the student life and co-curricular education office, the registrar's office, the career services and leadership education office, the business office, the financial aid office and the education department.

The law requires the University to respond to a student's request to see the official record or the cumulative record folder by establishing "appropriate procedures for the granting of a

request...within a reasonable period of time, but in no case more than forty-five days after a request has been made.”

A student’s file in the student life office includes the student’s initial application, personal data forms, disciplinary records and records of communication with the student and his/her family from various University representatives. The registrar’s office maintains the official academic record. The career services and leadership education office retains letters of recommendation for post-graduate and/or job placement.

The amended act clarifies that recommendations written before December 31, 1974, are not available to students and others unless approved by the writer. Recommendations written after that date are open to students unless the student waives this right. All students are urged to clarify this when requesting a recommendation.

Hearings to challenge a record: Students must be afforded “an opportunity to insure that the records are not inaccurate, misleading, or otherwise in violation of the privacy or other rights of students.” Further, provisions must be made “for the correction or deletion of any such inaccurate, misleading, or otherwise inappropriate data” contained in the official record. Formal procedures for challenging such information are detailed in the Student Academic Grievance Procedure section of the Student Handbook.

Rights of third parties to access records: The University will disclose personally identifiable information from a student’s education records only with the written consent of the student, except: (1) to school officials (i.e., persons employed by the University in an administrative, supervisory, academic, research or support staff position; a person elected to the board of trustees; a person or company employed by or under contract to the University to perform a special task, such as an attorney or auditor; or a student serving on an official committee or assisting another school official in performing his or her tasks) who have legitimate educational interests (i.e., the need

to review education records to fulfill their University-related responsibilities); (2) to officials of another school in which the student seeks or intends to enroll (note: it is the University’s policy to forward education records to other agencies or institutions in which the student seeks or intends to enroll upon the request of such agencies or institutions, without notification to the student); (3) to authorized representatives of certain FERPA designated federal and state agencies for the enforcement of federal and state legal requirements; (4) in connection with a student’s application for or receipt of financial aid, as necessary to determine the eligibility, amount or conditions of the financial aid, or to enforce the terms and conditions of the aid; (5) pursuant to court order or lawfully issued subpoena, but only after reasonable attempt to notify the student of the order or subpoena, unless the subpoena prohibits disclosure of the existence or contents of the subpoena or information furnished in response to the subpoena; (6) to accrediting organizations to carry out their functions; (7) to parents of a student who claim the student as a dependent for income tax purposes; (8) in connection with health and safety emergencies, as permitted by law; (9) to an alleged victim of any crime of violence or the results of any institutional disciplinary proceeding against the alleged perpetrator or that crime with respect to that crime; and (10) as otherwise permitted by FERPA and its implementing regulations as amended from time to time.

All persons desiring access to such records, except on the grounds of exceptions 1, 5 (when the subpoena orders confidentiality) or 7 above, shall be required to sign a written record access form, which shall be kept in the student’s file.

With the exception of disclosures covered by the exceptions noted above, prior to release of personally identifiable information from a student’s education records, and subject to the rules regarding “directory information,” below, written consent must be received from the student specifying the records to be disclosed, stating the purpose of the disclosure and identifying the party or class of

parties to whom the disclosure may be made. The authorization for release shall be kept with the student's file.

Whenever the University discloses personally identifiable information from an education record (except as to disclosures (1) of "directory information," (2) to the student who is the subject of the record, or (3) to the parent of a dependent student) it shall inform the party to whom it is disclosing the information that it may not be further released or disclosed without the consent of the student or the parent of a dependent student.

Records unavailable to students: Students do not have the right of access to their parents' confidential financial statements or to medical, psychiatric or "similar records that are used solely in connection with treatment and only available to recognized professionals or paraprofessionals in connection with such treatment." Students, however, could have a doctor or other qualified professional of their choice inspect their records.

Directory information: The University continues to have the right to release "directory" information, limited to name, address, telephone number, email address, student photo id, dates of attendance, major field of study, degrees and awards received and the most recent previous educational agency or institution attended by the student, without first obtaining the consent of the student. Students or parents wishing to have the information excluded from directories should contact the office of the dean of student life and co-curricular education.

Copies of the act are available in Vilas 114, and students are encouraged to discuss any aspect of the law or their individual file with the vice president and dean of student life and co-curricular education. Copies of any or all parts of the record are available to the student at the student's expense.

Transcripts

A transcript of the academic record of each regularly enrolled student is maintained in perpetuity in the registrar's office. Any student or former student may request a copy of her or his

own transcript at any time. All such requests must be made in writing or in person at the registrar's office. Except as permitted under federal and state law, the University requires signed authorization to release a copy of one's transcript to a third party. The University reserves the right to withhold academic transcripts in the event of an outstanding obligation owed the University at the time of the request. There is no charge for copies of one's St. Lawrence transcript.

Credit Toward Graduation

Candidates for baccalaureate degrees may earn credits toward graduation from St. Lawrence University in one or more of the following ways:

1. By satisfactory completion of courses offered by St. Lawrence.
2. By satisfactory completion of courses taken through cross-registration from one of the other members of the Associated Colleges of the St. Lawrence Valley (State University of New York, Canton College of Technology, State University of New York, College at Potsdam and Clarkson University). Up to two such courses per year (September 1–August 31) may be taken. Since these courses are considered as taken in residence at St. Lawrence, and since the grades received in them are part of a student's cumulative average, the general policies on transfer credit do not apply to them. The credit value of such courses, however, is calculated in the same way as that described in II.A.2, below, regarding transfer of credit from other institutions.
3. By transfer from an accredited institution of higher education of approved liberal arts course credits, with grades of at least 2.0 (C) or its equivalent. This includes P (Pass) in P/F (Pass/Fail) systems from other accredited collegiate institutions. (See II.A, below). A maximum of eight units are transferable to St. Lawrence if taken by a matriculated student.
4. By Advanced Placement tests, as administered by the College Entrance Examination Board, Princeton, New Jersey. (See II.B, to follow.)

5. By International Baccalaureate Higher Level Examinations in which a score of 5 or higher is achieved. Credit is not awarded for Subsidiary Level examinations. Course credit is regarded as transfer credit and is determined by the registrar in consultation with the appropriate department chair.
6. By satisfactory completion of specified Canadian "Grade 13" courses. (List of eligible courses is available in the registrar's office.)

Credit from Other Sources

- I. The following general policies apply to credits earned or sought from sources other than courses offered by St. Lawrence and courses taken by cross-registration.
 - A. The student must be matriculated (accepted by admissions) as a full-time student at St. Lawrence University, with the exception of an employee of St. Lawrence University or other member of the Associated Colleges who may be part time.
 - B. At entrance, acceptability of credit is determined by the registrar; at other times it is determined by the registrar and/or committee in consultation with the appropriate department chair(s).
 - C. Credit is given no grade value and does not become a part of the student's cumulative or major or minor GPA. For a unit to be transferred, it must have a minimum grade of C or 2.0 on a four-point system.
 - D. Upon entrance, the equivalent of two years' work may be counted toward graduation. Sixteen units must be completed at St. Lawrence.
 - E. Matriculated students in good academic standing (having a minimum GPA of 2.0 and the proper number of completed units) may transfer up to eight units of credit.
 - F. Matriculated students on academic probation may apply to pursue coursework at another institution. However, they must have a grade point average of at least 2.0 at the end of the term to transfer the credit from the other institution.

- G. Transfer credit will not be granted to students while they are under academic suspension. A student readmitted from academic suspension may request the registrar for transfer of credit earned elsewhere while under suspension.
 - H. Students may not transfer courses from other institutions for St. Lawrence University distribution credit after the time of their matriculation, except that they may apply to the academic petitions committee for acceptance of credit earned during one of St. Lawrence's international programs.
- II. In addition to the general policies, the following specific policies apply to particular means of obtaining credit.
 - A. *Transfer credit from other institutions*
 1. To be assured of receiving credit toward graduation from St. Lawrence University, matriculated students must obtain prior approval of individual courses or programs of study. If intending to study off-campus during a regular fall or spring semester, such approval must be obtained from the committee on off-campus study and the appropriate department chair(s). Approval of courses to be taken during the summer or between the fall and spring semesters should be obtained from the appropriate department chair(s) through the registrar's office.
 2. The credit value of transferred work undertaken during an academic year by a matriculated student shall be assessed against the standard of the expected normal full load of the host institution. For example, a student who completes 15 hours of credit at an institution where the expected normal full load is 12 to 15 hours will ordinarily receive four units of credit toward graduation at St. Lawrence.
In other cases:
 - a. A maximum of two three-semester-hour courses may be transferred to St. Lawrence as one St. Lawrence unit each.

b. Beyond two courses, credit value of semester-hour courses (including the first two courses) shall be assessed in accordance with a table of values maintained by the registrar.

B. *Advanced placement and credit*

Advanced placement and credit toward graduation are granted to students who achieve a rating of 4 or 5 on the Advanced Placement Examination in the following subjects:

AP Exam	SLU		Distribution
	Equivalent	Units	
Calculus AB (or AB subcode on calculus BC exam)	Mathematics 135	1	Mathematics/ Foreign Language
Calculus BC	Mathematics 135 & 136	2	Mathematics/ Foreign Language
Chemistry	Chemistry 103	1	
Computer Science A	Computer Science 140	1	Mathematics/ Foreign Language
Computer Science AB	Computer Science 140 & 219	2	Mathematics/ Foreign Language
Economics Macro and Micro	Economics 100 & 101 or 102	2	Social Science
Economics Macro or Micro	Economics 100	1	Social Science
English Language and Composition	None	1	
English Literature and Composition	English 190	1	Humanities
Environmental Studies	ENVS 101	1	Science Studies
European History	History 102	1	Humanities
French Language	French 200	1	Mathematics/ Foreign Language
French Literature	None	1	
German Literature	None	1	
Government and Politics: United States	Government 103*	1	Social Science
Psychology	Psychology 100 w/out lab	1	Natural Science
Spanish Language	Spanish 201	1	Mathematics/ Foreign Language
Spanish Literature	None	1	
Statistics	Mathematics 113	1	Mathematics/ Foreign Language
United States History	History 103,104	2	Humanities
World History	None	1	

*Students who become government majors will get credit for the AP exam but will need to take Government 103.

Note: Students taking the Physics AP exam must contact the chair of the physics department for credit approval.

Students earning a score of 4 or 5 on the General Biology AP exam may earn 1.5 unit for Biology 102 if they successfully complete Biology 101. For a complete explanation of this option, refer to “Advanced Standing” on page 67 of the biology section in this *Catalog*.

Courses are acceptable in lieu of departmental prerequisites and fulfill distribution requirements, as indicated. Students who score 3 may be considered for advanced placement and/or credit by individual departments. The effect of advanced credit upon the department major requirements is determined by each department chair.

Registration for Courses

Continuing students who expect to be enrolled in the following term must register in April for the fall term and early November for the spring term. Registration instructions, course listings and schedule forms are issued to all students prior to designated registration deadline dates. Students must meet with their academic advisors prior to registering for courses. Students who register late are subject to a fee of \$45 and loss of class priority.

Course Overload

Full-time students may take any four courses in a semester, regardless of their unit value, without additional tuition charges. Five or six courses that total no more than 4.75 units are also allowed at no additional charge. An overload consists of five or six courses totaling more than 4.75 units, or more than six courses.

Course overload registration is by petition. Full-time students, excluding first-year students, who have an overall GPA of 2.5 or higher, may take an overload course with additional tuition payment. First-year students cannot take a course overload and transfer students cannot take a course overload in their first semester. Summerterm does not count as a semester. Full-time students registered for more than six courses or for five or six courses

totaling more than 4.75 units will be charged an overload fee with the following two exceptions:

1. Full-time students with a 3.2 GPA overall or a 3.2 GPA for the prior semester (excluding Summerterm) and making satisfactory progress toward a degree may take up to one additional unit (for a total of 5.75 units) and not be billed an overload fee.
2. Each full-time student matriculating between Fall 2001 and Fall 2004, inclusive, who has a cumulative GPA of 2.5 or better, may take one overload units, up to a total unit of one, during a fall or spring semester of his/her academic career without an overload fee even if the academic requirements in item 1 are not met.

Note: A student may not take advantage of the “free” course overload privilege to make up a deficiency in progress toward graduation (e.g., to make up for a reduced course load or an earlier failure). A student who fails to convert all incomplete “E” grades to final grades by the end of the drop/add period may not take a “free” course overload. The continuing “X” grade does not affect the “free” course privilege when other conditions are met. Cumulative and semester averages are based upon St. Lawrence credit.

Students taking fewer than four courses or 4.5 units will be billed for full tuition with the following three exceptions:

1. A second semester senior who needs less than a full course load to complete his/her academic program will be billed on a per course basis.
2. Employees and dependents using tuition remission benefits will be billed on a per course unit basis.
3. Special situations for billing on a per course basis may be approved by the Vice President for Finance.

If a student elects to take fewer than four courses or 4.5 units, their financial aid may be reduced. The state of New York will disallow TAP for students enrolled in less than 3.5 units.

Continuing a Foreign Language

Students planning to continue study of a foreign language begun in high school are strongly urged to take the CEEB achievement test in that language. The results are used for placement in the appropriate course. If a student does not take the CEEB test, he or she may request to take a special placement test administered by the modern languages and literatures department prior to enrollment in the continuing language. Students may not enroll for credit in a beginning language course if they studied the language for two or more years in secondary school.

Registration Changes

A full-time student may not reduce his or her course load in any semester to fewer than four semester course units without consulting with his or her advisor, the registrar and, when appropriate, the associate dean of the first year. It is expected that a student will consider withdrawing from a course only in extenuating circumstances.

Students may not take a course load of fewer than 3.5 units in any semester without their student status or athletic status being affected. They must consult with their academic advisor(s) and the course instructor and submit a properly executed add/drop or withdrawal form obtainable at the registrar’s office. Students who begin the semester on a part-time status, or who fall to part-time during the first month of the semester by dropping or withdrawing from a course (down to a total of three course units or fewer), will be certified as part-time students for New York state financial aid purposes, other private scholarships that require full-time certification and repayment of student loans. They will lose their New York State Tuition Assistance Program (TAP) and Scholarships if they are part-time students. Foreign students, veterans and athletes who participate in an NCAA sport are also affected.

Add/Drop Policy

During the first seven days after classes begin in any semester or the first three days after classes begin in any summer session, a student may add or drop a course without a permanent record being made of the change. Students changing their schedules within the add/drop period must have written approval of the instructor of each course being added or dropped as well as the approval of their advisor. Students may request from the academic petitions committee a late schedule change with instructor and advisor permission. Approved late changes may result in a \$45 late change fee.

Withdrawal from a Course

Twice before graduation, students are permitted to withdraw from a course after the first seven days and until the end of the tenth week of classes. The course remains on their transcript, and a 'W' grade is entered by the registrar. If a withdrawal form, properly executed, is not submitted before the deadline, the student remains enrolled in the course, and is graded accordingly. Withdrawing from FYP or FYS is not permitted.

Withdrawal for Medical Reasons

Students may apply to the vice president and dean of student life and co-curricular education for a medical withdrawal from a course, courses, or the entire semester during the semester for which the withdrawal is requested. Documentation from an appropriate medical, psychiatric, or psychological professional must be provided at the time of application.

The vice president and dean of student life and co-curricular education may grant a medical withdrawal for the semester immediately preceding the semester for which the student is registered, provided (1) the withdrawal is for the entire semester and (2) in her/his

judgment, application for the medical withdrawal could have been made and would have been granted for that semester.

Only in consultation with the chair of the academic petitions committee, and under unusual, documented circumstances, may a medical withdrawal be granted for a semester prior to the last semester for which the student was registered.

If a withdrawal for medical reasons is approved, the registrar enters a 'WM' grade for each course involved. A student who receives a 'WM' in a course may retake that same course before graduation and is charged only the difference between tuition at the time of withdrawal and tuition at the time the course is retaken.

If a student who is on a medical withdrawal from the University applies for readmission to St. Lawrence, the student's physician or another certified medical professional must supply the student life office with a letter giving professional assurance that the student has recovered from the medical problem and that there is a reasonable assurance that the student will be able to successfully resume his or her career at St. Lawrence.

For the financial implications of withdrawal from a course, see Refund on Withdrawal in the Financial Information section of this *Catalog*.

Leave of Absence

A leave of absence may be granted by the dean of student life to any student who is in good academic and social standing. Such a student may be readmitted at the start of a term provided that: (1) readmission is within three terms of the student's leaving, (2) the University receives a 60-day notice of the student's intention to return and (3) there is housing and classroom space available. Only one course per semester may be transferred to St. Lawrence while a student is on a leave of absence.

Grades

The grading system in use at St. Lawrence is described below:

<i>Grade</i>		<i>Grade Point Equivalent per Course Unit</i>
4.0	Excellent	4.0
3.5	Intermediate between Excellent and Good	3.5
3.0	Good	3.0
2.5	Intermediate between Good and Satisfactory	2.5
2.0	Satisfactory	2.0
1.5	Intermediate between Satisfactory and Lowest Passing Grade	1.5
1.0	Lowest Passing Grade	1.0
0.0	Failure	0.0
E	Incomplete	0.0
P	Pass under Pass/Fail option	0.0
W	Withdrawn	0.0
WM	Withdrawn Medical	0.0
X	See below	0.0
U/W	Writing competency	0.0
NGS	No Grade Submitted by Instructor	0.0

X grade is assigned at the end of a semester for work in a designated course that will be completed in the following semester. Only those students specified by the mid-term of the initial semester are eligible to receive an X grade. This grade is not to be confused with the incomplete (E), which is given to a student who fails for a valid reason to complete the work of a course within the period prescribed for that course.

Incomplete (E) is assigned only when, as a result of unusual or extenuating circumstances (e.g., illness), some part of the required work for a course is left unfinished. In such a case, the instructor informs the department chair and agrees with the student on conditions, preferably in writing, for removal of the E. The student is expected to fulfill these conditions in good time, in the ensuing semester, for the instructor to evaluate his or her work and report a permanent grade to the registrar by the end of the sixth week. If no grade is reported, the E is replaced by 0.0 (Failure).

The department chair may request further delay from the registrar, but this delay may not be longer than the term. If the student is not in residence during that term, the delay may be extended for one additional semester. Further extension must be requested of the dean of

academic affairs and is unusual since the passage of time often brings changes in instructor and course content.

It is the responsibility of the *student* to see that conditions for the removal of a grade of E are established and met.

Pass/Fail—During the four years in college, a student is permitted to elect up to four semester course units of work, including Sports Studies and Exercise Science (SSES) 100, to be graded Pass/Fail. The purpose of the option is to encourage students to explore new areas of study in which they are interested but have little or no background. The Pass/Fail option is not offered to allow for the removal of deficient mid- or late-term grades incurred, nor to justify reduced effort in a course. The Pass/Fail option may be chosen for semester course units taken to satisfy distribution requirements or any elective semester units outside the major or minor. The Pass/Fail option is subject to the following limitations:

1. Semester course units in the student's major and minor fields cannot be taken on a Pass/Fail basis after the major and minor are declared.
2. No more than one optional Pass/Fail course can be taken in any semester.
3. The Pass/Fail option requires the written consent of the instructor within the first 15 days after classes begin in the fall and spring semesters. In summer session, students may avail themselves of the option within the first five days of classes.

A student must attain a minimum of a 1.0 grade to receive a Pass for the course.

Students should be aware that grades of 0.0 (F) are calculated in the grade point average. Although the P grade is not calculated in the grade point average, P grades may place students at a competitive disadvantage when they apply for admission to some graduate or professional schools.

Repeating Courses—Courses other than those required for graduation or required for the major may not be repeated except with the approval of the academic advisor and the direc-

tor of academic advising. If a course is repeated, it is this second attempt that counts toward the total units required for graduation. Grades from both attempts shall be computed in the cumulative average.

Distinction and Honors

Degrees with distinction (Latin honors) are awarded *cum laude*, *magna cum laude* and *summa cum laude*. The distinctions are based on the cumulative grade point average (*cum laude* 3.3-3.599; *magna cum laude* 3.6-3.849; *summa cum laude* 3.85-4.0). Transfer students who have completed at least two full years of course work at St. Lawrence are eligible for all Latin honors. The GPA used to determine eligibility of transfer students is based on St. Lawrence University courses only.

Departmental honors, including the multi-field and combined major programs, are awarded according to the following policy:

1. A minimum GPA of 3.5 in all courses in the major is required.
2. The only designation recognizing departmental honors is "Honors."
3. Each student is required to complete a project that emphasizes independent work, the nature of which is determined by the discipline.
 - a. Each department determines the course framework within which the project is completed.
 - b. Each department establishes the minimum standards the project must meet to satisfy the requirements for departmental honors.
 - c. An honors committee consisting of no fewer than three faculty members, at least two of whom are members of the department, is appointed for each honors project. For multi-field majors, at least one member of the committee is one of the major advisors.
 - d. Each department will determine whether or not the honors project will count toward the major. Honors projects taken for academic credit will, however, count toward the maximum of 14 units permitted in one department.
 - e. If the department determines that a completed project does not meet the appropriate standard to be awarded honors but that the project does constitute otherwise acceptable work, a project taken for academic credit receives credit toward graduation and the grade is computed as part of the major and cumulative GPA.

The Dean's List comprises those students who in the preceding semester earned a GPA of 3.6 or higher in a minimum of four courses worth at least one unit each and for which a number grade was received. Students who receive an X grade in an independent study or project and who earn a 3.6 or higher average in a minimum of three or more courses may receive Dean's List designation.

Academic Petitions Committee

Students occasionally experience extenuating circumstances that interfere with their intent to follow rules and procedures regarding various facets of University life. Students may also find confusing or unacceptable an interpretation of a rule or procedure as applied to their individual situation. The academic petitions committee meets weekly during the fall and spring semesters to discuss requests by students to consider exceptions to University policy regarding schedule changes, course grade options, distribution requirements and graduation requirements. Appropriate documentation and academic advisor and/or course instructor substantiation of claims to extenuating circumstances must be provided by the petitioning student. Information about the petition procedure is available from the chair of the academic petitions committee or the registrar.

Academic Standing

Eligibility for New York State Awards

All students eligible for New York State awards such as Tuition Assistance (TAP) and regents scholarships must complete minimum course progress and meet minimum GPA requirements to retain such awards in subsequent semesters. These requirements are mandated by the New York State Department of Education. The standards of satisfactory progress are detailed in the *Student Handbook*.

Academic standing is determined by two criteria: the quality of academic achievement as indicated by the cumulative GPA and progress toward the degree.

A student is expected to maintain:

1. A cumulative GPA of 2.0 or higher.
2. Satisfactory progress in units completed toward graduation.
3. Satisfactory progress and GPA in the major. (This applies to juniors and seniors who have earned 17 or more units toward graduation.)

A student not meeting these expectations will be placed on probation or suspended from the University; however, a student placed on probation but permitted to remain at the University as an enrolled student shall be considered a student in good standing where questions of eligibility for financial aid programs are concerned.

The records of all students not meeting these expectations are reviewed at the end of each semester (and of the academic summer session) by the committee on academic standing.

Normal Academic Standing

Normally, academic standing is defined as (1) earning the minimum number of course units as indicated in the Guidelines for Normal Academic Progress (below) and (2) maintaining a cumulative GPA of 2.0 or higher.

Guidelines for Normal Academic Progress

<i>End of Term</i>	<i>Units Completed</i>
1	4.5
2	9.0
3	13.0
4	17.0
5	21.0
6	25.0
7	29.0
8	33.5

Required Summerterm

At the end of the academic year, first-year students or sophomores who have cumulative averages of less than 1.75 and juniors with GPAs less than 2.0 will be required to attend Summerterm at St. Lawrence. Academic improvement, demonstrated by earning a minimum Summerterm average of 2.25 or a higher standard of performance as stipulated by the academic standing committee, is required.

Guidelines for Probation

Students will be placed on academic probation if they fail to meet satisfactory levels of performance as reflected by one of three measures: cumulative GPA, semester GPA or major GPA.

Cumulative GPA - Students are placed on academic probation if their cumulative GPA falls within the following range based on terms completed:

<i>Completed Term(s)</i>	<i>Minimum Cumulative GPA</i>
1-4	1.50 - 1.99
5-7	1.75 - 1.99
8	< 2.0

If their progress is deemed not satisfactory, they are placed on probation and receive letters that indicate that they must (1) earn a semester GPA of 2.0 or above in their first semester on probation and (2) raise their overall GPA to a 2.0 or higher in the ensuing semester

or they will be suspended. All students on probation must carry a full course load of at least four courses worth at least one unit each.

Students on probation are expected to work with the academic skills coordinator or the director of academic advising and their academic advisor to plan a program to address their academic situation. For more information, consult with the registrar.

Semester GPA - Junior or first-semester seniors with a semester GPAs below 1.75 will be placed on academic probation.

Major GPA - Students whose GPA in their major (i.e., the average of grades in courses applicable to the major) falls below 2.0 will be placed on academic probation. Students whose GPA in their declared major remains below 2.0 for two semesters, and who are unable to find a suitable probationary major, will be suspended.

Guidelines for Academic Suspension

Students who fall into one or more of the following categories will be suspended:

1. First-year students (including first-semester first-year students) or sophomores with cumulative GPAs of less than 1.5, juniors and first-semester seniors with cumulative GPAs of less than 1.75, and second-semester seniors with cumulative GPAs of less than 2.0.
2. Students on probation who do not earn a semester GPA of 2.0 or above in their first semester on probation, or do not increase their overall GPA to 2.0 at the end of the following semester.
3. Students who do not earn a minimum average of 2.25 or the higher standard of performance stipulated by the academic standing committee, during a required Summerterm.
4. Students who have less than a cumulative GPA of 2.0 in their major and cannot find a new or probationary major.
5. Students on probation whose GPA is less than 2.0 and who withdraw from a course or who receive an 'E' (incomplete) grade in a course.

Students other than first-year students suspended after their first semester are suspended for one calendar year. Suspended students are not considered St. Lawrence University students and are not eligible to receive credit for or take courses at the University.

Students who are suspended at the end of their first semester (and only at the end of their first semester), shall be offered one of the following options:

1. Take a suspension for a full calendar year *or*
2. a. Students who matriculated in the fall semester may take a suspension of one semester (the spring following the fall in which they were suspended), after which they may apply to take up to two courses in Summerterm Session I during which they will also be required to work in a program designed by the coordinator for academic support and the coordinator for academic achievement or their successors. Completion of this program to the satisfaction of the two coordinators, together with a 2.5 average in all summer course work, shall entitle the student to apply for re-admission for the fall semester.
2. b. Students who matriculated in the spring semester may take a suspension of one summer plus one semester (the fall following the spring in which they were suspended), after which they may apply to return for the spring semester during which they will also be required to work in a program designed by the coordinator for academic support and the coordinator for academic achievement or their successors. Completion of this program to the satisfaction of the two coordinators, together with a 2.5 average in all spring term course work, shall entitle the student to apply for re-admission for Summerterm and the following fall semester.

The following table shows the cumulative GPA that will lead to suspension.

<i>End of Term</i>	<i>Minimum Cumulative GPA</i>
1-4	< 1.50
5-7	< 1.75
8	< 2.0

Appeal of Academic Suspension

Suspended students who can document extenuating circumstances have the right to appeal to the academic standing committee. Appeals, which will be reviewed by the committee and the dean of academic affairs, should be directed to the registrar.

Readmission

Suspended students other than first-year students may apply to St. Lawrence University for readmission one calendar year after they were suspended. Applications for readmission are available from the registrar. In addition to the completed application, the following information must be provided:

1. Transcripts of academic work undertaken while suspended.
2. Letters from instructors of courses in which students were enrolled while suspended.
3. If applicable, letters of support from employers, counselors or therapists with whom the student has worked since suspension.

An interview with the chairperson of the academic standing committee may be required.

Expulsion

Students will be expelled if they have been readmitted but fail to meet their academic readmission requirements. Expelled students who can document extenuating circumstances have the right to appeal to the academic standing committee. Appeals should be directed to the registrar. Expulsion represents a complete severance of ties to the University. Students who have been expelled from St. Lawrence University do not have the option to apply for readmission.

International Students

International students under F- and J-type visas are required to carry and complete at least 3.5 units of work each semester.

Academic Resources and Opportunities

Academic Advising

All first-year students at St. Lawrence participate in the First-Year Program and are assigned a primary faculty advisor who is a faculty member in their residential college. Most students remain with their First-Year Program advisor for the first two years. However, a student may change his or her advisor to a faculty member in an anticipated field of study at any time prior to the declaration of the major. Such a change requires the consent of the proposed advisor and the First Year Program advisor. A second advisor, in the sciences, is recommended for students intending to follow the pre-professional programs for medical, dental and veterinary studies.

At the time a student declares his or her major in the spring of the sophomore year, the student also accepts a faculty member from that field of study as his or her major advisor. The major advisor may be a faculty member who agrees to work with the student at the student's request, or may be assigned by the department chair. Students who declare two majors must have two advisors, one for each field.

The major advisor monitors and reviews the student's academic progress throughout the remainder of the student's academic career at St. Lawrence. In addition, major advisors help juniors and seniors plan the most appropriate program within the major. Major advisors will also guide students as they consider graduate or professional schools, career avenues or other post-graduation opportunities.

Students at St. Lawrence are expected to solicit advice from resource persons associated with other programs or departments relevant to their intellectual and personal development.

Supportive advising is provided for students who are members of the University Scholars Program, the Higher Education Opportunity Program and/or the Collegiate Science and Technology Entry Program. The student life division at St. Lawrence also provides counseling to students through a variety of offices including student development, career services and leadership education, and counseling services. (See the Student Life section of this *Catalog*).

First-year students are free to add an advisor in a department of interest to them. All other students are free to change advisors at any time in their college careers. Requests for advisor additions or changes or any questions about advising should be directed to the director of academic advising.

Academic Achievement Office

Every student has his or her own style of learning. The office of academic achievement serves as a resource for all students at St. Lawrence, by helping students not only to identify academic areas of strength and areas in need of improvement, but also to implement specific strategies to achieve greater academic success. To help students accomplish their academic goals, the office of academic achievement hosts the following programs:

Peer Tutoring Program

Tutoring is *free* for all students. All St. Lawrence University students are welcome to sign up for peer tutoring, which is available in almost every subject and is offered for most introductory-level courses. The peer tutors are St. Lawrence students who have distinguished themselves in their departments with high grades and productive study habits. They are recommended by faculty members and participate in a five-week training process.

Academic Counseling

Any student at St. Lawrence who would like to achieve more academically may request an individual meeting with the coordinator of academic achievement. The coordinator will then work with the student to develop an individual plan with the goal of achieving in-

creased academic success. This meeting may lead to further meetings in this office or with other resources on campus, such as advisors, professors, teaching assistants, mentors, peer tutors, the writing center, the counseling center, the office for students with special needs or the office of academic support.

Academic Success Workshops

At the beginning of each semester, a series of workshops is offered on various topics, such as time management, note-taking, reading strategies and test-taking strategies. In addition to the regularly scheduled series, any student, student organization, faculty member or coach may request specific workshops on these or other related topics.

Academic Support Office

The initiatives of this office are intended to help students achieve their academic potential, or help students discover and address what might be interfering with their academic success. To achieve these goals, the coordinator works closely with faculty, staff and the First-Year Program.

Skills Development

Providing academic support for students takes many forms. One aspect is skills development. For example, one widely recognized and important element of collegiate academic success is successful time management. This office provides time management workshops, seminars and consultations, for groups or for individuals, on request. In addition, a workshop specifically about time management during final exams, which includes elements of stress management, is also available.

Academic Skills Assessment

Another aspect of academic support is to provide academic strategies assessments for students to identify academic strengths and weaknesses. Inventories are available to assess study skills, learning styles and study practices and attitudes. Following the use of these inventories, counseling and referral assistance are available to help students make the best use of the knowledge gained from these instruments.

Individual Academic Counseling

In addition, this office offers individual counseling and support for students who would like regular contact, who wish to develop their skills and who seek referral information and assistance.

Faculty and Staff Interactions

The coordinator of academic support also works closely with faculty and staff. Some of the more specific activities include: consulting with faculty to design intervention assistance for students who are struggling academically; developing early warning initiatives to identify and help intervene with students at academic risk early in the semester; involvement with campus retention initiatives; involvement with the First-Year Program through teaching, advising, workshops and interaction with FYP faculty and staff; providing training for academic advisors about students at academic risk; and collaborating with faculty and staff to design programs to help students succeed academically.

Writing Centers

Writing well is not a once-learned skill, but evolves through sustained practice over the four years of a student's undergraduate experience. Therefore, writing center faculty and staff work with writers at every level of experience in every academic major and minor. There are no charges or fees, and appointments, although encouraged, are not required. Writers receive detailed, constructive responses to their work from well-trained peer tutors at any stage of the writing process, from brainstorming to editing.

In addition to offering individual tutoring, the Munn Writing Center also provides training and support for First-Year Program writing mentors and the tutors assigned to writing-intensive courses across the disciplines. The Spanish writing center offers assistance to students writing essays in Spanish language and

literature courses, and the sociology lab offers tutoring in writing and technology.

The Munn Writing Center is located in the Owen D. Young Library and is open during both sessions of summer school. The Spanish writing center is in Carnegie Hall and the sociology lab is in Piskor Hall.

Provisions for Students with Special Needs

The office of academic services for students with special needs was established to assist individuals on the St. Lawrence campus who have disabilities. A student who is admitted to St. Lawrence and has a learning disability must present written documentation by a licensed psychologist who has diagnosed the student according to the definition of learning disability as stated in Section 5, Part B of Public Law 94-142, November 1975.

St. Lawrence grants "reasonable accommodations" to documented learning-disabled students as established by the Vocational Rehabilitation Act of 1973. Such accommodations, which are the student's responsibility to request, are granted as needed on a case-by-case basis, and are arranged by the student and professor upon consultation with the director of the office of special needs. All requests for accommodations must be supported by appropriate documentation provided by the student. The office of special needs also serves other individuals with disabilities. Anyone who has any disability is provided counsel on the facilities, equipment and accommodations available at St. Lawrence.

Further information about St. Lawrence's accommodation policy is available from the director of the office of academic services for students with special needs or see the special needs office Web page at web.stlawu.edu/needs/index.html. Academic requirements that are an essential part of the University's education goals may be accommodated, but may not be waived.

Collegiate Science and Technology Entry Program

The Collegiate Science and Technology Entry Program (CSTEP) was established in 1986 by the state of New York to provide services to New York students from underrepresented populations who are seeking careers in the sciences, mathematics, health-related professions, technology fields, law, and the licensed professions. At St. Lawrence University, CSTEP provides academic, career and personal counseling; opportunities to explore graduate school programs and career options; encouragement of and support for internship and research projects; assistance in preparation for GREs, MCATs and LSATs; opportunities to hone leadership skills; recognition of achievement through a newsletter, Web page and annual awards banquet; network opportunities with peers and career professionals; workshop opportunities; and monetary assistance in support of program goals.

Computing and Media Facilities

Computing technology is a resource used by every discipline at St. Lawrence. The University has worked actively to integrate computing and media technologies into all facets of academic life and to support the faculty's use of technology in teaching.

Students who are new to computing can utilize the services of information technology. The department maintains a fully staffed telephone and walk-in Help Desk in Madill Hall. Students are also welcome to participate in the Wednesday Workshop technology training series offered each semester. Students with special interest in computing should consider enrolling in the mathematics department's computer science courses. In every program of study, students are encouraged to employ the technologies available to them as tools to enhance their learning experience.

Recognizing technology's importance for teaching and learning, the University maintains substantial computing facilities, including more than 350 personal computers in public access computing labs. All classrooms, computer labs, faculty and staff offices and on-campus residence rooms are connected to the SLU network. Available network services include direct access to the Internet, Owen D. Young Library catalog and data storage space for personal or classroom use.

Computing facilities are available in many campus locations. The Madill lab and all residential labs are open 24 hours a day. Classroom labs are open from 8:00 a.m. until 11:00 p.m. All lab computers run Microsoft Windows XP and provide the option to print to laser printers located in the labs. Information technology also maintains video editing equipment (both PC and Mac platforms) in the Madill lab, enabling students to complete special media projects for class presentations.

The division of information technology also supports audiovisual services and electronic teaching and learning spaces on campus. Approximately 60 teaching and learning spaces are equipped with an instructor's computer work station, data projector and associated presentation equipment. Faculty use a variety of technologies, including online course components, to enhance the teaching and learning experience at St. Lawrence University.

The division operates a campus-wide cable television system that provides 20 educational and 53 cable channels to every room on campus. Several satellite antennae allow students and faculty to receive and distribute television programming in Russian, French, German and Spanish, as well as other news and special events programming from over 20 countries worldwide. Students have the option of subscribing to commercial cable television channels through the local cable company.

University Libraries

The St. Lawrence University libraries' mission statement sets forth the following key goals:

- prepare students for a lifetime of learning by teaching them not only how to locate information but also how to evaluate the sources retrieved;
- build, maintain and make accessible on-site collections that support the liberal arts;
- expand gateways to scholarly resources beyond the bounds of the campus.

Toward the achievement of the above goals, the St. Lawrence libraries now make available to students and faculty almost 1.5 million items, including more than 545,000 books, approximately 406,000 government documents, 2,000 print subscriptions, 590,000 microform units and 5,000 videos. In addition to these local print and microform resources, the St. Lawrence libraries provide access to the world's scholarship by means of a library Web page that connects St. Lawrence students and faculty to collections and resources available through the World Wide Web. This year it is possible to search more than 120 networked bibliographic databases as well as over 10,000 online full-text periodicals from any location on or off campus. For an online view of the libraries' services and collections, visit the library Web page at web.stlawu.edu/library.

Library Facilities

Even as the St. Lawrence libraries staff have aggressively added scholarly resources in electronic form to the already substantial print collections, they have also attempted to create physical spaces that support both *research* and *instruction*. Thus, Owen D. Young Library, renovated in 1999, includes a new electronic classroom and group study space dedicated to the teaching mission of the library. Highlights of the six-million-dollar ODY renovation include:

- Three new electronic classrooms, equipped with workstations and state-of-the-art teaching equipment for hands-on learning. When the classrooms are not scheduled for class use, they are available for student use.

- Fourteen new group study/seminar rooms available for individual and group use.
- Two hundred new seats in locations that are "wired" for network and Internet access. (This addition makes seating in the Owen D. Young and Launders Libraries available to roughly one-half of the student body at any given time).

In addition to ODY, which houses the college's major collections in the social sciences and humanities, the Launders Science Library (opened in 1994) now provides a home to the science and technology collections at St. Lawrence. The science library occupies the upper two floors of Madill Hall and triples the space available for science resources and services. Highlights of this space include many attractive group studies, a seminar room with a projector for online instruction, a map room and a new geographic information system (GIS) lab.

Library Instruction

Research competency is one of the formal curricular objectives of the University. By the time students graduate, they are expected to be able "to conduct research and think critically." Students at St. Lawrence learn how to use library resources intelligently in the new bibliographic instruction/electronic classrooms located adjacent to the reference desk area in the ODY Library and in the Launders Library seminar room. Library instruction is offered in courses across the curriculum and through a variety of general and special offerings. Assistance is also available to students through a term paper consultation service designed to provide individual help for students working on research papers or doing special projects.

Special Collections

The ODY Library's wonderful collection of primary scholarly resources may be viewed and used in the beautiful new Frank and Anne Piskor Special Collections reading room, located directly across the atrium from the main entrance of the library. Each semester the special collections staff offers instruction to classes from a variety of academic departments

and programs, including fine arts, French, English, history, environmental studies and economics. In addition, the special collections area includes a laboratory press that allows students to explore the art and history of books through hands-on activities.

Highlights of St. Lawrence's special collections include the Ulysses S. Milburn Collection of Hawthorniana, the Edwin Arlington Robinson Collection and the Frank P. Piskor Collection of Robert Frost. Other special collections include manuscripts devoted to Frederic Remington, the Adirondacks, the St. Lawrence Seaway and other aspects of northern New York history. For access to the special collections Web page, go to web.stlawu.edu/library/rbrwelco.html.

Richard F. Brush Art Gallery and Permanent Collection

Named in recognition of Richard F. Brush '52, the art gallery is an academic resource whose mission is to acquire, preserve, interpret, exhibit and otherwise make accessible works of art for the benefit of a variety of audiences in support of the educational goals of the University. Programs and activities are designed to balance a range of disciplinary and interdisciplinary objectives in recognition of diverse functions and meanings of art. As such, the gallery provides a forum for the creative and critical expressions of artists, historians, curators and scholars. The gallery seeks to integrate all of its activities into the University's academic programs and curricular initiatives.

The stewardship of the University's permanent collection and an ambitious program of temporary exhibitions are the central components of the Richard F. Brush Art Gallery. Related activities such as lectures, panel discussions, residencies, tours, acquisitions, conservation projects and campus displays provide educational opportunities for students, faculty and the broader community. The gallery encourages such involvement in the utilization of

the collection, the exhibition program, and all related educational activities.

The collection contains nearly 7,000 art objects and artifacts that are frequently displayed in the gallery and used for tours and classroom discussions. While dating to the University's founding, the gallery's most vital growth has taken place in the last 50 years. Twentieth-century works on paper, such as photographs, prints, drawings, portfolios and artists' books, represent the strengths of the collection. Paintings and sculptures by Frank Stella, George Segal, Louise Nevelson, Isamu Noguchi, Milton Avery and Frederic Remington are among the collection's highlights. In 2000, the gallery compiled a comprehensive catalog, *Photographs at St. Lawrence University*, marking the first publication in printed form to document any aspect of the permanent collection; essays by St. Lawrence alumni Eloy J. Hernández '93, Michael E. Hoffman '64, Mark C. Klett '74 and Thomas W. Southall '73 are included.

The gallery presents 12 to 14 exhibitions during the academic year, including work by regional, national and international artists. Exhibitions are organized by faculty, gallery staff, guest curators and artists and traveling exhibition organizations, drawing objects from the University's permanent collection, museums and arts institutions, artists, private lenders and commercial galleries. Recent projects have included *Good and Bad Hair*, an exhibition of photographs by Bill Gaskins; exhibitions about New York State's Adirondack Park by Betsy Brandt and Susie Brandt, Nathan Farb and Seneca Ray Stoddard; *Visions That The Plants Gave Us* curated by Luis Eduardo Luna; *Circle of Enlightenment*, a festival of the arts program featuring a Tibetan Buddhist sand mandala constructed by monks from the Namgyal Monastery; photographs by Alison Wright and Heinrich Harrer; and an exhibition of thangka paintings and sacred ritual objects from the permanent collection and private lenders.

Students actively participate in all aspects of the gallery, learning museum standards in

art handling as well as matting, framing and installing works of art for exhibitions. Student-guided tours of gallery exhibitions and the collection storage facility are available throughout the year. An annual juried student art exhibition is presented every spring semester, and students research and write about artists and works of art for exhibitions and course projects.

The gallery serves the needs of the University community as well as audiences that include students and faculty from primary and secondary schools and colleges, visiting scholars, and others. In addition, the programs and activities of the gallery serve as an academic and cultural resource for northern New York. The Richard F. Brush Art Gallery strives to be recognized professionally for excellence in all aspects of its operations and maintains legal and ethical standards prescribed by the American Association of Museums.

Commons College

Commons College is a voluntary academic-residential community created by students in 1984. Students share a common residence in a coeducational wing of Sykes Hall, and, with the help of a faculty member, they develop an academic course each semester. Community service is also an integral part of Commons, and students in the program organize and participate in their own community service projects. They also elect their own coordinators and form their own residential and academic committees. Those successfully completing the Commons course receive one-half course credit for each semester. Members of Commons also participate in a variety of extracurricular activities. Unless exempted by the faculty advisor, students enrolled in the course must live in the residence. Commons College accepts applications in the spring semester.

Additional upperclass colleges can be formed; the associate dean of the first year will assist all interested students and faculty in such arrangements.

Service Learning Center

The Service Learning Center provides students with opportunities to learn by engaging with and serving the community.

The director of service learning coordinates a full-credit course, Non-departmental 200, in which students spend eight hours a week at a community agency, dealing with such problems as poverty, illiteracy, domestic violence, environmental degradation, etc. Students in the course also reflect on these experiences in a research paper, a journal and a series of classroom workshops. See the non-departmental section of the *Class Schedule* for further information. The center also acts as a clearinghouse for information on service-learning opportunities in other departments and on non-curricular volunteer opportunities on campus, in the North Country and nationally and internationally.

Outdoor Studies

The outdoor studies program at St. Lawrence University encompasses three constituent entities: the outdoor studies minor, the Adirondack semester and the outdoor program. The outdoor studies minor is a multidisciplinary approach to the study of nature and human relationships to nature, one that brings together scientific inquiry, ethical analysis, self-reflection, literary and artistic representation, political theory and direct experience with community dynamics. The outdoor studies minor uses outdoor settings and activities to promote academic goals. The Adirondack semester offers students the opportunity to immerse themselves full-time in the natural world. Adirondack Semester students have the chance to experience and reflect critically upon alternative perceptions of how to live responsibly, not just as global citizens of the human community, but as interconnected parts of the global ecosystem. The outdoor program cultivates emotional and intellectual growth by teaching outdoor skills and by facilitating experiences in the outdoors for classes and other campus groups. While the outdoor

program teaches skills and develops leadership directly, the outdoor studies minor develops these as byproducts of its academic activities in the outdoors. Both seek to foster experiential learning and concern for the natural world.

Program Objectives

With differing emphases, the three components of the outdoor studies program promote the following objectives:

Stewardship: The program seeks to enhance understanding of the ways humans have related to nature, and have thought about their relations with nature, in different times and places. It seeks also to increase awareness of the many benefits of intimate contact with wild nature; to increase introspection about our own relations with the natural world; to prepare students to make responsible decisions about the fate of wild nature that increasing technological power has thrust upon the human race.

Links between the outdoors and the classroom: The program employs the power of experience in outdoor activities to foster student growth and learning.

Leadership: Using the challenges of outdoor activities, the program seeks to foster the knowledge and inclinations necessary for effective and responsible leadership in a modern setting.

Lifelong skills and interests: The program seeks to enable students to become self-confident, knowledgeable and ecologically responsible participants in outdoor activities.

The Outdoor Program

The outdoor program offers skills training and outdoor leadership development through group, class and individual exploration of the natural world.

The outdoor program currently has four main emphases:

Skills: The outdoor program offers instructional opportunities for students to develop outdoor skills. Clinics are designed to introduce participants to an outdoor skill or activity. They are usually held on campus and are scheduled

to accommodate students' class schedules, typically in the afternoon or on a weekend day. Courses are designed to provide students with in-depth and thorough instruction aimed at giving participants proficiency in the skill area. Courses typically take place in the Adirondacks, involve at least one overnight experience and occur on the weekend. Extended courses are designed to offer unique, expedition experiences and instruction for technical and higher-skill activities. These courses are multi-day trips during school breaks and can take place anywhere in the world.

Guide service for academic support: Logistical, material and personnel support are provided to academic classes wishing to use natural settings in their curricula. The outdoor program offers a large selection of outdoor equipment for group use, as well as trained student guides to lead safe excursions.

Outdoor leadership training: A semester-long course in outdoor leadership is offered to students who want to work in the field of outdoor education. The course focuses on leadership, decision-making, risk management, outdoor technical skills and safety. The course incorporates class sessions, field sessions and a six-day field experience in the Adirondacks. Certifications in CPR, wilderness first aid and basic water safety are obtained through the course. In addition, students who successfully complete the course are able and encouraged to take the New York State Guide exam and become licensed. Currently the course is taught as a staff-training program for outdoor program staff.

Leadership and team building opportunities: The outdoor program seeks to develop personal responsibility and leadership skills, including planning, judgment and knowledge of group dynamics. It operates an extensive low and high ropes "challenge course" designed to give campus and community groups a dynamic and exhilarating method of enhancing teamwork, communication and self-knowledge. Using student facilitators, the outdoor

program offers programs for campus groups and off-campus groups. Other leadership and team building programs can be custom-designed to meet specific objectives.

The outdoor studies minor is described further as a course of study in this *Catalog*. The Adirondack semester is described further as a program in International and Intercultural Studies in this *Catalog*.

McNair Scholars Program

The McNair Postbaccalaureate Achievement Program was established by the United States Department of Education and is administered through the federal TRIO Programs to provide eligible students with the opportunities needed to successfully be accepted into graduate and Ph. D. or Ed. D. programs. McNair has been sponsored at St. Lawrence since 2003. Eligible students need to be full-time students at the University and U. S. citizens (or show proof of permanent residency). They must also be either first-generation Americans, low-income students or be a member of groups historically underrepresented in graduate education (African American, Native American, Hispanic American). A GPA of 3.0 is also anticipated.

The ten juniors and ten seniors who qualify at St. Lawrence will be provided with faculty mentors and opportunities to complete research internships, which will carry credit and be accompanied with a research internship stipend. Additional opportunities to complete in-depth, research-intensive experiences will be available. McNair Scholars are expected to participate in summer research internship programs as well as academic year components. They will be given opportunities to prepare for and take the Graduate Record Examination. They will also attend seminars and workshops designed to improve their leadership, career planning and writing skills so their applications to graduate schools are successful. Additionally, McNair Scholars will be encouraged to apply to and visit graduate schools and present their research at St. Lawrence and at national venues.

Requirements for Graduate and Professional Schools

Students who decide to pursue graduate study should make their intentions known to their academic advisors and the director of career services and leadership education as early as possible in their undergraduate careers. Applications to graduate and professional schools are typically submitted between December and March of the senior year, with the exception of medical school. These applications are due the summer following junior year. Preliminary identification and discussion of appropriate programs of study should be undertaken in the junior year. At that time, students should also begin to research fellowship and scholarship programs available in support of graduate study. Publications on graduate programs and fellowship and scholarship opportunities are available in the library and the office of career services and leadership education. Information about specific fellowship and scholarship programs is available on the career services and leadership education Web page at web.stlawu.edu/career/fellow.htm.

Application to graduate or professional school usually requires the submission of the following: a statement of academic purpose and experience, three to five letters of recommendation, undergraduate academic transcripts and a report of graduate admissions examination scores. The statement of academic purpose is an important component of the application. Students are encouraged to submit a draft of their statement to their academic advisor(s) for review and revision prior to its inclusion in the application packet. Students are also urged to solicit letters of recommendation from faculty and advisors well before the application deadline date; letters might be requested during the sophomore and junior years in anticipation of application to graduate school.

Students should also prepare to take the specific achievement or aptitude examination

if required for admission to their program of study. Office of career services and leadership education personnel can provide general information about these tests and apprise students of available test preparation and practice materials. Inquiries about specific examinations and their test dates and requests for application materials should be directed as follows:

- *Graduate Record Examination (GRE)*—Office of Career Planning
- *Law School Admission Test (LSAT)*—Chair, Pre-Law Committee
- *Graduate Management Admission Test (GMAT)*—Economics Department
- *Medical College Admission Test (MCAT)*—Chair, Health Careers Committee
- *Dental Admission Test (DAT)*—Chair, Health Careers Committee
- *Optometry College Admission Test (OCAT)*—Chair, Health Careers Committee
- *Veterinarian Admission Test (VAT)*—Chair, Health Careers Committee

Some of these examinations are electronic and some are paper and pencil. Some tests are administered locally; all are administered regionally. Application must be made at least one month prior to the examination date.

Pre-Professional Programs

Medical, Dental, Veterinary

Undergraduate programs of study at St. Lawrence lead to professional training in medicine, dentistry, optometry, podiatry, nursing, physical therapy and veterinary medicine. Arrangements may be made to enter an accredited health professional school upon the completion of 24 course units at St. Lawrence. In these cases, St. Lawrence University will award the bachelor's degree upon graduation from the professional school and on further condition that all distribution requirements prescribed by the University have also been fulfilled. Medical, dental and veterinary medical schools, however, are increasingly advising

students to complete the four-year college courses before beginning their professional training.

The courses required by most medical and dental schools are:

- General biology (Biology 101, 102)
- General chemistry (Chemistry 103, 104 or 105)
- Organic chemistry (Chemistry 221, 222)
- English (two 200-level courses)
- College physics (Physics 103, 104 or 151, 152)

These courses should be completed before the student takes the Medical College Admission Test (MCAT) or the Dental Admission Test (DAT).

In addition, a number of medical schools recommend one or two semesters of mathematics, with some schools requiring calculus. Most veterinary schools require biochemistry and microbiology in addition to the requirements listed for medical and dental schools.

For students interested in medical school, St. Lawrence has an Early Assurance Program with the College of Medicine of the SUNY Upstate Medical University at Syracuse. With this program, sophomores may be eligible for a guaranteed admission into medical school after the completion of their senior year. Students can also apply to the Early Assurance Program at the College of Medicine at SUNY Buffalo.

For students interested in dental school, an Early Assurance Program at the SUNY Buffalo School of Dentistry is available. In this program, sophomores may be eligible for a guaranteed admission into this dental school after completion of their senior year.

Students interested in health careers should also use their time at St. Lawrence to gain as much in-depth experience as possible in the humanities and social sciences. For further advice, consult the department of biology or chemistry or any member of the health careers committee.

Law Programs

A four-year course of liberal arts study at St. Lawrence, including the usual distribution and major requirements, is an excellent foundation for law school. There is no formal pre-law curriculum and law schools require no particular major. Students interested in law should acquire a good general education, demonstrating achievement in serious and substantial courses.

Students are advised to take foundation courses in all aspects of liberal education – humanities, science, social science – and to study basic economics, accounting, the legal and governmental systems of their own country and expository writing.

The pre-law advisor provides group briefings for students at all levels of preparation. Students should attend these briefings before scheduling individual appointments with the advisor, who offers courses on law and courts in the United States, constitutional law and environmental law and politics.

Seminary Programs

Students who wish to attend seminary to prepare for the ministry, priesthood or rabbinate should take a broad range of courses in the liberal arts and sciences: English composition and literature; philosophy and religion; history; social and natural sciences. Work in a modern language—French, German or Spanish—and/or in Greek, Hebrew or Latin is also desirable. Enrollment in at least one course that is designated “service-learning” is highly recommended, as is a semester on one of the University’s international or off-campus domestic programs. Interested students may consult with the University chaplain.

Education Programs

St. Lawrence University offers undergraduate courses that prepare students for teaching in public and/or private schools. The University has registered its programs with the New York State Education Department leading to initial and/or professional teaching certification for

New York State. Under the new requirements of the New York Board of Regents, effective in February 2004, students completing required undergraduate study in education will be eligible for initial certification in New York and comparable initial certification in all reciprocating U.S. states and Canadian provinces. See the education department section for details.

St. Lawrence has also re-registered its graduate programs in teaching, and is in the process of re-registering its programs in educational administration and counseling and development leading to initial and/or professional New York certification in those fields and comparable certification in other states and provinces. Because New York’s regulations for certification are changing, information and advice should be obtained from the St. Lawrence University education department. For details about the University’s graduate programs, including the post-baccalaureate teaching certification program, the master’s degree and the certificate of advanced study, see the *Graduate Studies Catalog*, available from the education department.

Basic Engineering Combined Plan

Students can combine a liberal arts education with an engineering degree through St. Lawrence’s combined engineering program with seven engineering schools (Clarkson University, Columbia University, Rensselaer Polytechnic Institute, University of Rochester, University of Southern California, Washington University and Worcester Polytechnic Institute). The most popular option is the 3+2 plan, in which a student spends three years at St. Lawrence and two years at the engineering school, and graduates with a bachelor’s degree from each institution; 4+2 programs are also available, as well as 4+1 in special cases.

All regular distribution and graduation requirements, as well as those requirements established by the student’s major department under this program, must be met prior to enrolling in an engineering school.

A minimum of 25 semester units must be earned at St. Lawrence. Grades lower than 2.0 will not be acceptable for the minimum 25 semester units.

Some engineering schools may have additional requirements. Please consult the basic engineering liaison officer for details.

In addition to the requirements above, the following courses, none of which can be taken on a pass/fail basis, must be completed:

- Chemistry 103, 104
- Physics 151, 152 (many engineering schools will not give credit for Physics 103,104 taken at St. Lawrence)
- Calculus sequence (Mathematics 135,136,205)
- Mathematics 230
- Computer Science 140 or 219

Additional courses are recommended for certain engineering disciplines, for example:

- For mechanical engineering: Physics 307 and 333.
- For electrical engineering: Physics 307, 308, 333 and a course in electrical circuits available through cross-registration.
- For environmental engineering: Chemistry 221, 222 and Biology 101, 102.
- For chemical engineering: Chemistry 205, 221, 222, 341, 342, and 351 or 352.

Students entering St. Lawrence with the intention of pursuing the 3+2 engineering program should make known their interest to the program liaison officer, who can provide assistance in meeting these requirements. Students must satisfactorily complete a program that is approved by both the liaison officer and a major department to be certified for admission to the chosen engineering school. Information about additional special requirements of individual engineering schools is available from the liaison officer.

Financial aid from the engineering schools for the final two years is generally need-based for United States citizens. International students should be aware that many schools offer no assistance to them, and none provide any-

thing near full scholarships for even the most needy international students.

Pre-Management Programs

Many St. Lawrence students choose to pursue graduate programs in management or careers in business. Majors from any discipline may complete the pre-management program at St. Lawrence, which combines an individually tailored course of study with career building programs and leadership/skills development.

The program consists of three components: (1) academic course work; (2) career-building programs; and (3) leadership and skills development.

The academic component consists of six required courses with two electives. The required courses are:

- Psychology 100 (101)
- Economics 101 and 102 *or*
- Economics 100 and 251 or 252
- Accounting 201
- Mathematics 113 *or*
- Economics 200
- Mathematics 135

The elective courses are to be chosen from the following list:

- Economics 305
- Economics 307
- Economics 309
- Economics 313
- Government/History 217
- Government 302
- History 315
- Mathematics 136
- Mathematics 213
- Computer Science 140
- Psychology 313
- Religious Studies 262
- Sociology 318
- Sociology 319
- Speech and Theatre 111
- Speech and Theatre 211
- Marketing 320*
- Management 331*
- Management 386*

* Available through cross-registration at Clarkson University.

Career-building programs, *designed to provide practical experience in the workplace, are accomplished in several ways:*

1. *Internships* are a mandatory workplace experience that can be completed during the semester, over a winter recess or in the summer. The office of career services and leadership education will help each student design an internship that is pertinent to his or her career goals.
2. The *Shadow-a-Saint* program, in which each student spends a day with a St. Lawrence graduate at his or her work place, takes place over winter recess.
3. Participation in the *Professionals-in-Residence* program is also required. Students meet with guest residents and participate in discussions and seminars.
4. Additionally, each student is encouraged to find an off-campus career advisor.

Leadership and skills development encourages students to seek leadership positions in campus organizations and to participate in the leadership training programs offered by the office of student life. Also, students are expected to take advantage of computer skills workshops offered by the University.

Upon graduation, students who have completed the program requirements receive a letter and certificate summarizing the program and describing their individual accomplishments.

The 4+1 MBA Programs

St. Lawrence University has agreements with the graduate schools at Clarkson University and Rochester Institute of Technology that allow students to plan their undergraduate program to include courses that serve as foundation courses for graduate study. Students must complete a regular undergraduate major and meet prescribed admission standards in addition to the foundation courses. Those who are admitted can expect to complete the re-

quirements for the MBA degree in one year rather than the usual two or more. In addition, applicants with outstanding academic records will receive a prompt decision concerning admission and financial aid. Preliminary inquiries concerning these programs may be made by consulting with the pre-management coordinator.

Army and Air Force Reserve Officer Training

Both Army and Air Force Reserve Officer Training Corps (ROTC and AFROTC) programs at nearby Clarkson University in Potsdam, NY, are open to St. Lawrence University students. For more information, contact the ROTC office at 315-268-7705 or the AFROTC office at 315-268-7989.

Summerterm

The University operates a diverse academic summer program that includes both undergraduate and graduate courses. Two five-week undergraduate sessions feature a variety of courses, including special summer field courses that make use of the local environment. The education department conducts two graduate sessions of three weeks each; the curriculum is especially valuable for educators, counselors, administrators and others in the helping professions. Approximately 400 students enroll in the summer academic program.

In addition to the academic sessions, several conferences and youth programs are held on the campus. More than 1,500 young adults participate in sports schools during the summer.

Further information may be obtained from the Summerterm office at 315-229-5501.

Inventory of Registered Programs¹

As of January 1, 2003

Program Title	Degree	Code	HEGIS
<i>Bachelor of Arts/Bachelor of Science Programs</i>			
African Studies-Anthropology	BA	21401	2299
African Studies-Economics	BA	21402	2299
African Studies-Government	BA	21400	2299
African Studies-History	BA	21399	2299
Anthropology	BA	83565	2202
Anthropology/Canadian Studies	BA	19102	4903
Biology	BS	09784	0401
Biochemistry	BS	25090	0414
Biophysics	BS	09786	0415
Chemistry	BS	09810	1905
Computer Science	BS	22059	0701
Economics	BA	09817	2204
Economics/Canadian Studies	BA	81114	4903
Economics/Mathematics	BA	83566	2299
Economics/Mathematics	BS	83567	2299
English	BA	09800	1501
English/Canadian Studies	BA	81118	4903
Environmental Studies	BA	22863	0420
Environmental Studies/Anthropology	BA	19100	0499
Environmental Studies/Biology	BS	89035	0499
Environmental Studies/Chemistry	BS	89036	0499
Environmental Studies/Economics	BA	89039	0499
Environmental Studies/English	BA	22613	0499
Environmental Studies/Geology	BS	89037	0499
Environmental Studies/Government	BA	89040	0499
Environmental Studies/Philosophy	BA	19101	0499
Environmental Studies/Psychology	BS	89038	0499
Environmental Studies/Sociology	BA	89041	0499
Fine Arts	BA	09792	1001
Fine Arts/Canadian Studies	BA	81115	4903
French	BA	09795	1102
Geology	BS	09812	1914
Geophysics	BS	09813	1916
German	BA	09797	1103
Global Studies	BA	22915	0399
Government	BA	09819	2207
Government/Asian Studies	BA	86043	2299
Government/Canadian Studies	BA	81113	4903
Government/Work and Society	BA	86040	2299
History	BA	09818	2205
History/Asian Studies	BA	86044	2299
History/Canadian Studies	BA	81112	4903
History/Work and Society	BA	86041	2299
Mathematics	BS	09806	1701
Mathematics-Computer Science	BS	85373	1799
Modern Lang & Lit/Canadian Studies	BA	81117	4903
Multifield Program	BA	78014	4901
Multifield Program	BS	78015	4901
Multi-Language Major	BA	80026	1199
Music	BA	09793	1005
Neuroscience	BS	25089	0425
Philosophy	BA	09802	1509
Physics	BS	09807	1902
Psychology	BS	09815	2001
Religious Studies	BA	09803	1510
Religious Studies/Asian Studies	BA	86045	1599
Religious Studies/Canadian Studies	BA	19103	4903
Sociology	BA	09820	2208
Sociology/Canadian Studies	BA	81116	4903
Sociology/Work and Society	BA	86042	2299
Spanish	BA	09798	1105
Speech & Theatre	BA	79187	1007

Preparation for Teacher Certification Programs (Prov.)

Art "K-12" Teacher	BA	09790	0831
Biology "7-12"	BS	09785	0401.01
Chemistry "7-12"	BS	09811	1905.01
Earth Science "7-12"	BS	09814	1917.01
English "7-12"	BA	09801	1501.01
French "7-12"	BA	09794	1102.01
German "7-12"	BA	09796	1103.01
Mathematics "7-12"	BA	01412	1701.01
Mathematics "7-12"	BS	10098	1701.01
Physical Education Teacher "K-12"	BS	09791	0835
Physics "7-12"	BS	09808	1902.01
Social Studies "7-12"	BA	09816	2201.01
Spanish "7-12"	BA	09799	1105.01

Master's Level

Education, General	M.Ed	76095	0801
Counseling and Human Development	M.Ed	09787	0826.01
(Cert: School Counselor - Prov/Perm)			
School Psychology	MA	09788	0826.02
(Cert: School Psyc - Prov/Perm)			
School Administrator and Supervisor	M.Ed	09789	0828
(Schl Admin & Sup - Perm)			

The programs listed in this table have been approved by the New York State Department of Education at St. Lawrence University. Not all programs continue to be offered. Enrollment in other than registered or otherwise approved programs may jeopardize a student's eligibility for certain student aid awards.