

Cross-College Courses and Programs

491, 492 Research	2 credits
493, 494 Research	
See the description of these courses at the beginning of the "Curricula" section of this catalog.	
495, 496 Individual Study	2 credits
497, 498 Individual Study	
See the description of these courses at the beginning of the "Curricula" section of this catalog.	

International and Off-Campus Programs

Study Abroad Programs (SABD)

Stevenson (International Education Center), director

The University of St. Thomas encourages its students to incorporate international experience into their academic plans and offers a wide variety of overseas opportunities that serve as an integral part of a student's degree program. These opportunities encompass a wide range of options, including length of stay (semester, academic year, January, spring-embedded or summer), course selection and geographic locale. The staff of the International Education Center assists students in identifying study, work or travel programs appropriate to the individual's desires and goals. See Study Abroad Website for current year program listing:

www.stthomas.edu/studyabroad

Students may not apply for nor participate in a Study Abroad program while on academic or disciplinary probation.

Short-term Study Abroad and Off-Campus Programs

The University of St. Thomas offers a number of two-to-six week, faculty-directed programs during January, spring break or summer term. January Term Abroad programs are sponsored by the University of St. Thomas or UMAIE, a seven-member consortium which provides a broad disciplinary and geographic January curriculum.

January Term Programs

All courses for the following January are announced in February. Enrollment period extends from early April through late October. Students must be in good academic and disciplinary standing with the university in order to apply or participate. Individual programs may have additional criteria for acceptance.

Spring-Embedded Programs

A limited number of spring courses have an off-campus component 'embedded' in the semester, usually traveling during spring break.

Summer Programs

Students may study abroad during the summer through a co-sponsored program, or by participating in a faculty-directed course (similar to January Term). Students must apply by early March for all programs.

Semester/Year Abroad

St. Thomas offers a wide variety of semester and year-long programs around the world, including programs sponsored by St. Thomas, co-sponsored programs or direct enrollment in a university abroad.

London Business Semester

The University of St. Thomas sponsors a fall semester program in London for business majors and minors. Students, accompanied by one or more St. Thomas business faculty members, take regular St. Thomas business and liberal arts courses, as well as complete the BUS 200 Community Service requirement.

Liberal Arts Semester in Paris

A spring semester program in Paris, directed by a St. Thomas faculty member, offers students the opportunity to fulfill core curriculum requirements in the humanities (e.g. fine arts, philosophical and moral reasoning, faith and the Catholic tradition, historical studies, language and culture). Participants must complete at least one semester of French before beginning the program and continue to study French while abroad. This program is offered every two years.

Catholic Studies in Rome

Students in Catholic Studies may participate in St. Thomas' program in Rome for one or two semesters. Students are enrolled at the Angelicum, a pontifical university where they take courses in Catholic social thought, theology, and social justice, as well as Italian language. A St. Thomas faculty member directs the program on site and students live at the St. Thomas Bernardi residence.

Glasgow English Semester

English majors and minors, accompanied by a St. Thomas faculty member, study at the University of Glasgow in the spring. Students take two courses in English and/or English or Scottish Literature and one or two courses in another subject area (typically history, theology, or fine arts).

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Fall Semester in Rome

A fall semester program in Rome in cooperation with St. Mary's College offers students a wide range of liberal arts courses. Students may fulfill fine arts and theology core requirements plus enroll in many other liberal arts subjects. Accommodation is at the St. Thomas Bernardi residence. No previous study of Italian is required.

London Education Semester

During fall semester, Education majors have the opportunity to take the first block of required Education courses on a semester program in London. Directed by a St. Thomas faculty member, this program allows students to fulfill Education requirements, complete their classroom practicum and enroll in one core curriculum course (either historical studies or fine arts).

Partnerships with Universities Abroad

St. Thomas also sponsors study at the following partner universities:

Australia:	Curtin University
China:	University of International Business and Economics
Egypt:	American University of Cairo
Japan:	Osaka Gakuin University Sophia University

In addition, the university co-sponsors over 100 programs in nearly 40 countries around the world. Students can find programs in the following locations:

Asia

China
Japan

Africa

Ghana
Kenya
Namibia
South Africa
Tanzania

Europe

Austria
Belgium
Czech Republic
Denmark
France
Germany
Great Britain
Greece
Iceland
Ireland and Northern Ireland
Italy
Netherlands
Norway
Russia
Spain

Middle East

Egypt
Israel

The Americas and the Caribbean

Argentina
British West Indies
Chile
Costa Rica
Cuba
Ecuador
Guatemala
Mexico

Oceania

Australia
New Zealand

Note: Students may seek approval for other countries and/or programs from the Study Abroad Petition Committee.

Participation in Semester/Year Programs

To participate in the University of St. Thomas study abroad programs, students must have a 2.5 minimum grade point average, be in good academic and disciplinary standing at St. Thomas, and have at least sophomore standing. All students must apply to the International Education Center for program approval by October 15 for spring semester participation, and by March 15 for fall semester or year-long programs. The overseas study program must include study of the native language in non-English-speaking countries.

Financial Aid

Financial aid in the form of grants, loans, and scholarships applies to the cost of semester and year of study abroad programs. Students should discuss their eligibility with a Study Abroad Advisor and their Financial Aid counselor in the Office of Student Financial Services.

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300 Study Abroad

Students participating in the University of St. Thomas overseas study program register for this interdisciplinary listing for the first semester they are abroad. Permission from the staff of the International Education Center required.

301 Study Abroad

A continuation of 300. Permission from the staff of the International Education Center required.

Higher Education Consortium for Urban Affairs (HECUA)

Toffolo (POL), adviser; A. Hubbard (International Education Center) co-adviser

The Higher Education Consortium for Urban Affairs offers off-campus educational experiences focused on social justice issues. HECUA provides experiential learning opportunities that link academic study with hands-on work for social change. Students earn sixteen credits in the semester-long programs and four credits in January term programs. Open to all majors. All financial aid applies to semester programs. See Website: www.hecua.org.

Development and Community in Bangladesh (January term)

Learn about the actions and intentions of development agencies and witness the realities of a moderate Islamic culture. Through lectures, discussions, and group field study (with Bangladeshi students), you will explore the policies, practices, and ideologies of socioeconomic development in one of the world's poorest countries.

Democracy and Social Change in Northern Ireland (spring semester)

Examine the historical, political, and religious roots of the conflict in Northern Ireland, the prospects for peace, and the progress being made toward it. You learn through readings, lectures, discussions, internships, group study projects, and field experiences that invite interaction with people involved in social change.

Courses:

Northern Ireland: Building a Sustainable Democracy (4 credits)

Politics of Conflict and Transformation (4 credits)

Internship Seminar and Internship (8 credits)

Scandinavian Urban Studies Term (SUST) (fall semester)

Gain a deep understanding of contemporary Norway, using the welfare state and the notion of citizenship as the focus for investigation. Three interrelated seminars give you an understanding of how the welfare state works in the context of a social democracy facing challenges posed by immigration. An option for either an independent study project or language classes rounds out the course load for the semester.

Courses:

Scandinavian International Relations (4 credits)

Urbanization and Immigration (4 credits)

Scandinavian Literature: Immigration and National Identity (4 credits)

Norwegian Language

or

Independent Study Project (4 credits)

Community Internships in Latin America (CILA) (fall semester)

CILA offers a semester of study and experience with a focus on community participation and social change. The program, centered in Quito, Ecuador, combines rigorous seminar work and independent study with a home stay and a hands-on internship to give an in-depth experience of community participation and social movements in Ecuador.

Courses:

Community Participation for Social Change (4 credits)

Independent Study Project (4 credits)

Internship Seminar and

Internship (8 credits)

Civil Rights Movement: History and Consequences (January term)

Critically examine the events of the Civil Rights Movement by visiting important sites and interviewing leaders of the movement. After several days in the Twin Cities, students embark on a two-week field study tour through the South. A final week of integration seminars in the Twin Cities helps students bring their experiences back to bear on their own lives.

City Arts (spring semester)

City Arts is a semester-long, off-campus study experience. In the program, students explore the relationships among art, culture, and social change. Field study and professional internships provide direct access to the arts community in the Twin Cities.

IDSC 466 City Arts: Reading Seminar (Creating Social Change: Art and Culture in Political, Social, and Historical Context) (4 credits)

IDSC 467 City Arts: Field Seminar (Arts Praxis: Social Justice Theory and Practice in the Field) (4 credits)

International and Off-Campus Programs

IDSC 468 City Arts: Internship

and

IDSC 469 City Arts: Internship Seminar (8 Credits)

Metro Urban Studies Term (MUST) (fall or spring semesters)

MUST is a semester-long, off-campus study experience. In the program, students examine the causes of and solutions to poverty and inequality in the urban United States. Field study and professional internships provide direct access to the non-profit sector.

IDSC 471 MUST Seminar: Research on Urban Issues (4 credits)

IDSC 472 MUST Seminar: Field Studies in the Twin Cities (4 credits)

IDSC 473 MUST: Urban Studies Internship (4 credits)

IDSC 474 MUST: Urban Studies Internship Seminar (4 credits)

Environmental Sustainability: Science, Public Policy, and Community Action (fall semester)

The program focuses on processes of ecosystem degradation and rehabilitation, the social and economic underpinnings of conflict over environmental change, and public policy and community-based strategies to achieve sustainability. Through lectures, discussions, group field experiences and internships, students explore the relationships between patterns of environmental resource use and current social inequities, analyze the effects of future environmental trends, and assess strategies for sustainability.

Courses:

Adaptive Ecosystem Management (4 credits)

Social Dimensions of Environmental Change (4 credits)

Field Methods (2 credits)

Environmental Internship (6 credits)

Superior Studies At Wolf Ridge

Hoffman (POL), director

Superior Studies at Wolf Ridge is a consortium of seven private colleges and universities in Minnesota that provides a field campus for Environmental Studies programs in Minnesota and surrounding states. Participating institutions include St. Olaf College, St. John's University, the College of St. Benedict, Gustavus Adolphus College, Hamline University, and Concordia College-Moorhead.

The program offers academic courses taught by faculty from the participating institutions, field trips to sites of environmental significance in northeastern Minnesota and Ontario, natural resource-related jobs and research opportunities for students, and wilderness experiences including backpacking, canoeing, kayaking, snowshoeing, and dogsledding. Courses are offered during both summer sessions, the Fall term and January interim session.

Academically, the program stresses environmental inquiry from the perspectives of different disciplines. It incorporates the rich ecology of the Northwoods and the contemporary issues facing Northern Minnesota into the student's coursework through regular fieldtrips and field instruction. Organized outdoor trips provide significant personal experiences and the opportunities to develop skills and confidence in wilderness travel through one-day to one-week trips into the Boundary Waters Canoe Area Wilderness, Lake Superior kayak water trails, and the Superior Hiking Trail. In addition, students are able to arrange personal trips if they possess the necessary skills.

All of the Superior Studies teaching faculty are members of one of the consortium institutions.

Specific courses to be taught in the program vary by semester. Representative courses include: Introduction to Environmental Studies, Conservation Biology (with lab), Environment and Literature, Endangered Cultures, Individualized Physical Education: Health, Fitness, and Lifelong Skills, Seminar on Sustainability, the Environmental Imagination, Environmental Ethics, Environmental Policy, Theology and the Moral Life: Environmental Stewardship, American Environmental History: Great Lakes Region, and Environmental Education.

Work-study jobs and internships are also available through the program. All financial aid is applicable to the program.

Students receive elective credit for all courses taught in the program. Students should consult with departmental and program advisers regarding major and minor field credit.

See the director regarding program costs and applicable fees.

Washington Semester

Farlow (POL), adviser

The University of St. Thomas is affiliated with American University's Washington Semester Program, Washington, D.C.

Students selected from across the nation to participate in the program have the option of studying one of several subjects: American Politics, Economic Policy, Foreign Policy, Gender and Politics, Information Technology and Telecom, International Business and Trade, International Environment and Development, Journalism, Justice, Law Enforcement vs. Liberty, Peace and Conflict Resolution, Public Law, and Transforming Communities.

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The Washington Semester involves seminars, research and internships drawing on governmental and private organization resources in the Washington area. Nominations to participate are made by the university, with final acceptance decided by American University.

Upon successful completion of four courses, 16 semester credits are earned and transferred to St. Thomas.

IDSC 310 Washington Semester (16 credits)

Pre-Professional Programs

A carefully-crafted baccalaureate degree can prepare a student for entrance to a professional school. The following programs of study will be helpful for students planning such a career.

Preparation for the Catholic Priesthood

Preparation for entering a postgraduate seminary takes place best in a college-level seminary. St. John Vianney college seminary, located on the St. Thomas campus, provides an integrated program of spiritual and apostolic formation, along with the academic coursework available through the university.

Seminarians may major in a variety of fields. However, they must complete certain prerequisites in philosophy, theology and languages according to the direction of their diocese.

In addition to the usual major field and graduation requirements for the University of St. Thomas that provide in large measure the balance needed for the study of theology, St. John Vianney students will be expected to complete the following academic requirements in compliance with the Program of Priestly Formation:

Twenty-four credits of philosophy

Twenty credits of theology

Language requirements: Latin or Spanish if determined by the student's diocese.

Interested students should contact the rector, Rev. William Baer, at St. John Vianney Seminary:

wjbaer@stthomas.edu

Pre-Engineering (PNGR)

Tommet (PHYS), Marsh (CHEM), Jalkio (ENGR), advisory committee

Besides offering degree programs in electrical and mechanical engineering, the University of St. Thomas offers a choice of pre-engineering programs to provide the student with a broad range of engineering fields. The program prepares for all engineering fields which include: aeronautical, aerospace, agricultural, architecture, biomedical, chemical, civil, computer, electrical, engineering science, geological, industrial, materials science, mechanical, metallurgical, mineral and nuclear.

The programs of study are arranged so that a student may transfer to an engineering school with a maximum number of acceptable credits and yet, if a change in major is made while at the university, a maximum number of credits will be applicable to the St. Thomas requirements for graduation. In addition to the liberal arts, courses pre-requisite to an engineering school program are available in areas of mathematics, physics, chemistry, computer programming, and engineering. There are few significant differences in courses taken in the first two years of undergraduate study toward any type of engineering field. All pre-engineering students take mathematics, physics, and chemistry courses, along with a seminar introducing them to the various fields of engineering and to the work of engineers.

A Liberal Arts-Engineering (3-2) program is offered formally in cooperation with the University of Notre Dame, Washington University in St. Louis, and the University of Minnesota, and informally with virtually any other engineering school. The student will normally spend three years at St. Thomas and, upon approval of St. Thomas and acceptance by the engineering school, two additional years at the engineering school in an engineering field. Upon satisfying the requirements for graduation of both institutions, the student will receive a bachelor of arts (B.A.) degree from the University of St. Thomas and a bachelor of science degree in the selected field of engineering from the engineering school.

A four-year (4-2) program is offered formally in cooperation with the University of Minnesota, and informally with virtually any other engineering school. The student normally spends four years at St. Thomas and graduates with a major in Physics, Mathematics, Chemistry, or Quantitative Methods and Computer Science. The student then enters a masters or bachelors program at an engineering school.

A two-year (2-2) program is offered in which the student normally spends two years at St. Thomas (although transfer may be initiated at any time) and two years in a selected engineering field at an engineering school. No St. Thomas degree is awarded.

For all these programs, students are strongly encouraged to discuss with a pre-engineering adviser their own individual program. Each student, field, and school has different needs and requirements.

Liberal Arts – Engineering Program

CHEM 111 General Chemistry I

CHEM 112 General Chemistry II

ENGR 150 Introduction to Engineering (0 credit)

ENGR 151 Introduction to Engineering Design (1 credit)

MATH 113 Calculus I

MATH 114 Calculus II