

Requirements for a Degree

To receive a bachelor's degree, a student must successfully complete a minimum of 132 credits that fulfill all degree requirements.

A minimum grade point average (GPA) of 2.00 must be achieved in all of the following categories:

- all credits presented for graduation (including transfer credits)

- all credits earned at St. Thomas

- all credits in the department (in the Division of Business for business majors) of the major field (including transfer credits)

- all credits in the department (Division of Business) of the major field earned at St. Thomas.

If the student has elected to declare a minor field, all credits in the department (Division of Business) of the minor (including transfer credits) and all credits in the department of the minor field earned at St. Thomas must have a GPA of 2.00.

In addition, the student must earn a minimum of 84 credits in areas outside the major field (for majors in areas of business, these credits must be outside the Division of Business).

No more than eight credits in Experiential Learning may be counted toward the minimum 132 credits for graduation.

No more than one-eighth of the courses taken at St. Thomas presented for graduation may be graded on the S-D-R system.

No two courses may be equivalent or overlapping. (Credit is not given for a course that overlaps a course previously taken. Such courses are indicated in the course descriptions by the number of the conflicting courses in parentheses following the title.)

The same course may be used to satisfy both a requirement of the core curriculum and of the major and minor fields.

Within the core curriculum, the same course may satisfy a core or core-area requirement and simultaneously satisfy the requirement in human diversity or computer competency.

A student applying for graduation must have completed thirty-two of the final thirty-six credits at St. Thomas or one of the other four ACTC colleges.

The Core Curriculum

All bachelor degrees awarded by the University of St. Thomas shall meet the core curriculum requirements of the College. The core curriculum is organized into nine curricular areas and two competency requirements.

Courses used to satisfy the requirement in a curricular area are of two types:

- core courses* – in which a specific course is designated as fulfilling a requirement; and

- core-area courses* – in which a selection is made from a list of courses designated as fulfilling the requirement.

Curricular Areas

Literature and Writing

(8 credits)

This sequence of courses develops students' critical awareness of language by helping them to recognize the relationship between their own experience and the interpretive possibilities of literature. Attention is paid to the integration of the individual's composing process and the process of reading and understanding texts. These courses foster attentive reading, careful thinking, and effective writing. There are two ways to fulfill this requirement:

a) students enroll in these two core courses:

ENGL 111 Critical Reading and Writing I

ENGL 112 Critical Reading and Writing II

b) students with qualifying ACT scores enroll in:

ENGL 190 Critical Reading and Writing

plus

one additional core-area course numbered above 200 with the exception of ENGL 305, 321, 322, 401, 484, 485.

Historical Studies

(4 credits)

Core-area courses in historical studies aim to increase students' knowledge of the history of the modern world and its origins. Each of these courses also provides an introduction to historical methods of inquiry and analysis. A third goal is to foster awareness of the diversity within human history. Students choose one of the following core-area courses:

HIST 111 Origins of the Modern World to 1550

HIST 112 The Modern World since 1550

HIST 113 Early America in Global

Perspective

HIST 114 The Modern U.S. in Global

Perspective

Moral and Philosophical Reasoning

(8 credits)

What am I? How should I live? Philosophers throughout the centuries have pondered these questions which are of decisive importance for the whole of human life.

In the first course, students will study the elements of logic, the method of philosophy, and will read about the nature of the human person. In the second course, students will focus on questions of human conduct – questions about what is right and wrong, good and bad, in the lives of individual persons and human societies. These courses are not mere histories of philosophical opinion; they are substantive inquiries into the meaning of human life insofar as it can be grasped by reason alone. Thus, they complement the courses students take in theology and in other areas.

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The two core courses are:
PHIL 115 Philosophy of the Human Person
PHIL 214 Introductory Ethics

Faith and the Catholic Tradition

(12 credits)

Certain questions continue to be of pervasive concern for human beings: the nature of the universe, the existence and nature of God, the nature of human beings, the proper relationship of a human being to his or her world, the source of evil and the possibility of redemption, to name but a few. This sequence of three courses aims to acquaint students with the nature and importance of these questions and will assist them in articulating for themselves responses which have been formulated in light of their knowledge of the Catholic tradition and the Christian faith.

The first, a core course, provides students with a theological framework within which individuals and groups have addressed questions of faith and human existence throughout Christian history.

The second set of core-area courses provides students with an opportunity to address these same questions of human existence in four themes: revelation, Christian anthropology, worship and cultural engagement.

The third set of core-area courses allow students both the opportunity to engage questions which relate to faith and culture and to integrate the knowledge with other disciplines.

Students select three courses as follows:

THEO 101 The Christian Theological

Tradition

THEO 200-level course

THEO 300-level course

Natural Science and Mathematical and Quantitative Reasoning

(12 credits)

Students are required to take a core-area course in natural science with a laboratory component, a core-area course in mathematics, and a third core-area course in natural science, mathematics, quantitative reasoning or computer science.

Core-area courses in natural science focus on the natural world and develop students' abilities to evaluate scientific arguments critically, and enhance their quantitative and analytical reasoning skills. The laboratory component of these courses is an inquiry-based approach with opportunities for students to refine their observational skills through the acquisition and organization of data, analysis and interpretation of data, and the presentation of conclusions orally or in writing.

Students select one of the following core-area natural science courses:

BIOL 101 General Biology
BIOL 102 Conservation Biology
BIOL 105 Human Biology
BIOL 201 Diversity and Adaptation
BIOL 202 Genetics and Population Biology
CHEM 100 Chemistry in Our World
CHEM 101 Environmental Chemistry
CHEM 111 General Chemistry I
CHEM 112 General Chemistry II
GEOL 102 Origins and Methods
GEOL 110 Geology of the National Parks
GEOL 111 Introductory Geology I
GEOL 112 Introductory Geology II
GEOL 211 Mineralogy
GEOL 252 Geomorphology
IDSC 150 Development of the Natural World
PHYS 101 General Physics for Liberal Arts Students
PHYS 103 Physics of Energy
PHYS 104 Astronomy
PHYS 105 Musical Acoustics
PHYS 109 General Physics I
PHYS 110 General Physics II
PHYS 111 Introduction to Classical Physics I
PHYS 112 Introduction to Classical Physics II

The core-area courses in mathematical reasoning include experience in the application of relevant knowledge to solve problems, promote the recognition and classification of numerical, geometrical, and relational patterns, enhance students' abilities to develop mathematical arguments, and to understand the connections between real-world data and mathematical models.

Students select one of the following core-area mathematics courses:

MATH 100 Mathematical Sampler
MATH 101 Finite Mathematics
MATH 109 Calculus With Review II
MATH 111 Calculus for Business and Social Science
MATH 113 Calculus I
MATH 114 Calculus II
MATH 121 Structures of Elementary Mathematics
MATH 128 Introduction to Discrete Mathematics

The third core-area courses allow students to broaden or deepen their exposure to natural science, mathematics, quantitative reasoning and/or computer science.

Students select a core-area course from the following list:

MATH 114 Calculus II
MATH 121 Structures of Elementary Mathematics
MATH 128 Introduction to Discrete Mathematics
QMCS 120 Computers in Elementary Education and LOGO
QMCS 130 Problem Solving in the Natural Sciences

QMCS 201 Introductory Statistics II
 QMCS 220 Statistics I

or

a second natural science course from the first group

Social Analysis

(4 credits)

The goal of this requirement is to ensure that all students develop basic abilities to perform social scientific analyses of patterns of social interactions. Core-area courses in social analysis provide a broad introduction to the perspectives offered by one of the traditional social sciences. Courses will consider empirical and/or normative analysis, how social science knowledge differs from other kinds of knowledge, what constitutes data, the relationship between data and theory, and major conceptual perspectives. Where appropriate, courses will provide an understanding of and sensitivity to the diversity of American and/or other societies, an international perspective, and will address issues of social concern.

To meet this requirement, students must earn the equivalent of a full course in a single department. Students may not use fractional courses from multiple departments to meet the requirement.

Students choose one of the following core-area courses:

ECON 211 Current Economic Issues
 ECON 251 Principles of Macroeconomics
 ECON 252 Principles of Microeconomics
 GEOG 111 Human Geography
 GEOG 113 World Geography
 POL 105 Politics and Government in Comparative Perspective
 PSY 111 General Psychology
 SOC 100 Introduction to Sociology
 SOC 110 Social Problems

Fine Arts

(4 credits)

A core-area course in one of the fine arts aims to enhance students' understanding of and appreciation for one or more of the fine arts (art, music, or theater). Students gain an understanding of the role of the fine arts in expressing and maintaining, discovering and questioning a culture's dominant beliefs and ideals. The focus of these courses is broad enough to encompass different periods, cultures, and styles, but also allows an intensive scrutiny of the way in which the work of art, music, or theater is composed and created. Students have a variety of choices in fulfilling this requirement.

All students may choose one of the following core-area courses:

ARTH 151 Introduction to Art History I
 ARTH 152 Introduction to Art History II
 MUSC 115 Music Literature (or MUSC 118/119 in J-Terms)

MUSC 130 Introduction to World Music
 THR 111 Introduction to the Theater
 THR 259 Film I: Introduction to Narrative and Non-Narrative World Cinema

All students may choose to participate for four semesters in one of the following music ensembles:

MUSN 140 Women's Choir
 MUSN 143 Liturgical Choir
 MUSN 160 Concert Choir
 MUSN 185 Symphonic Band
 MUSN 186 Symphonic Wind Ensemble
(any combination of four semesters of 140/143 or 140/160 or 185/186 will fulfill the requirement)

Students with junior or senior standing may choose one of the following core-area courses, in addition to those listed above:

ARTH 285 Arts of Africa and the African Diaspora
 ARTH 286 Women's Art in Cross-Cultural Perspective
 ARTH 305 Greek Art and Archaeology
 ARTH 310 Roman Art and Archaeology
 ARTH 350 19th Century: Neo-Classicism to Symbolism
 ARTH 355 20th Century: Cubism to Installation
 ARTH 391 Native American Art
 ARTH 392 American Art
 MUSC 120 Orchestral Literature
 MUSC 216 Jazz in America
 MUSC 217 Music of the Americas
 MUSC 219 Music in the United States
 MUSC 412 History & Literature of Music II
 THR 260 History of Film: The Silent Era
 THR 261 History of Film: Sound Era, 1926 to Present Day
 THR 321 History of Theater I: Classical through 17th Century
 THR 322 History of Theater II: 18th Century to Contemporary
 THR 323 History of Theater III: American
 THR 359 Film II: Textual Analysis
 THR 412 Drama: Theory and Criticism

Language and Culture

(12 credits)

A sequence of foreign language study aims to develop students' skills in using a foreign language in a variety of tasks, including conversing, reading, writing and listening with comprehension. The language is used as the essential vehicle for coming to a deeper understanding of other cultures. The courses guide students toward a realization that the study of a foreign language provides a comparative basis from which to analyze their own language and culture. Study of the language will allow students to relate course content with that of courses taught in other disciplines.

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Students must complete the 111, 112, and 211 sequence in a particular language. All students with previous language experience must take a proficiency examination administered by the Department of Modern and Classical Languages. The student's previous work in the language will be considered. The Department of Modern and Classical Languages will make the final determination regarding the placement of students in foreign language courses.

Students whose primary language of communication is a language other than English and who have learned English as a second language are exempt from the foreign language requirement. It is the student's responsibility to present evidence to the chair of the department to support this exemption request.

Human Diversity

(4 credits)

Courses fulfilling this requirement assist students in understanding perspectives of the peoples and cultures being studied. The goal of these courses is to foster respect for the diversity of peoples and cultures within the fundamental unity of humankind.

Where appropriate, courses acknowledge ways in which privilege and power affect the ability to understand and respect diverse peoples and cultures. It is recognized that the experiences, beliefs, and values of any particular group of people studied are not monolithic, but may vary widely within the group.

Also included are indications of how the discipline involved contributes to an understanding of the groups under study or how the perspectives of these groups might expand understanding of the discipline itself. Courses focus on racial and ethnic minorities, class, gender, culture in a global perspective, or a combination of those areas.

The course chosen to fulfill this requirement also may fulfill another requirement of the core curriculum, or a requirement for a major or minor. The list of courses will be updated annually, and will be available from the Office of the Dean and the Office of Academic Counseling and Advising.

Courses available to fulfill the requirement in 1998-99 are:

- ARTH 151 Introduction to Art History I
- ARTH 285 Arts of Africa and the African Diaspora
- ARTH 291 Topics in Non-Western Art
- ARTH 320 Art and Architecture of Colonial Mexico
- ARTH 297 Introduction to Asian Art
- ARTH 391 Native American Art
- BLAW 369 Gender Issues and the Law
- COMM 230 Intercultural Communication
- COMM 340 Rhetorical Dimensions of Race, Class, and Gender

- ECON 345 Economics of Development and Growth
- ECON 346 The Russian Economy and the Former Republics
- ECON 346 The Japanese Economy
- EDUC 212 Human Relations and Multicultural Education
- ENGL 340 Literature by Women: Critical History
- ENGL 341 Literature by Women: Critical Questions
- ENGL 395 Issues in American Literature and Culture
- GEOG 111 Human Geography
- GEOG 113 World Geography
- HIST 210 Modern Latin America, 1800 to Present
- HIST 220 Introduction to Japanese History and Culture
- HIST 366 The Catholic Church in the United States
- HIST 368 Women in the United States
- HIST 369 African-American History
- HIST 372 The United States and Vietnam
- IDSC 291 The Anatomy of Violence
- JOUR 305 Gender, Race and Mass Media
- JPST 250 Introduction to Justice and Peace Studies
- MUSC 130 Introduction to World Music
- MUSC 216 Jazz in America
- MUSC 217 Music of the Americas
- POL 105 Politics and Government in Comparative Perspective
- POL 352 Third World Politics and Government
- PSY 151 Cross-Cultural Psychology
- PSY 205 Psychology of Women
- SOC110 Social Problems
- SOC251 Race and Ethnicity
- SOC255 Gender in American Society
- SOC301 General Anthropology
- SOWK 340 Human Behavior and the Social Environment
- THEO 305 Theologies of Justice, Peace, Prosperity, and Security
- THEO 331 Christianity and World Religions
- THEO 332 Judaism
- THEO 333 Contemporary Judaism
- THEO 334 Islam
- THEO 353 Women and the Old Testament
- THEO 354 Women and the Christian Tradition
- THEO 361 Black Religious Experience
- WMST 205 Foundations in Women's Studies

Competency Requirements

Computer Competency

Technology is very much a part of our world. The computer is the basic tool to much of this technology. The goals of the computer competency requirement are to:

1. Focus on the basic skills that all students, regardless of major, should have;
2. Be a building block upon which majors can add as appropriate;

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3. Prepare students for the applications they are likely to encounter after graduation, in a modern technological society.

In order to accomplish 1. and 2. above, students need to demonstrate the following skills by the beginning of the sophomore year:

basic microcomputer operation
ability to use a word processing package
ability to use telecommunication, at a minimum enabling use of electronic mail
ability to access electronic information resources

Accomplishment of these competencies should be possible through specific computer competency training sessions, individual tutoring, short courses or self-instructing tutorials. If this portion of the competency requirement is not completed by mid-term of the third semester, the student will lose priority for further registration.

To accomplish 3. above, students must demonstrate competence in one further area of computer application from the following list by the time of graduation.

Some major fields may also have specific requirements. The student's completion of this final component should be done in consultation with the major field adviser.

Spreadsheets
Data base management packages
Programming
Statistical packages
Scientific data acquisition and interfacing packages
"Computers in the arts" applications, e.g. notation, animation, graphic design, etc.

Mathematical modeling and simulation
Mathematical applications such as symbolic and numerical processing and matrix algebra

Desktop publishing
Advanced use of information retrieval systems (e.g. Lexis, Westlaw and advanced Internet and World Wide Web use)

The following sampling of courses contain computer components beyond the basic skills, and would satisfy this part of the competency.

BIOL 210 Introduction to Laboratory Research
BIOL 315 General Botany
BIOL 323 Comparative Vertebrate Anatomy
BIOL 354 Neurobiology
BIOL 489 Physiological Ecology
BIOL 489 Plant Physiology
CHEM 300 Quantitative Analysis
CHEM 331 Physical Chemistry I
CHEM 332 Physical Chemistry II
COMM 260 Audio Production
COMM 270 Videography:Television Production in the Field
COMM 370 Advanced Video Production

ECON 311 Forecasting
ECON 315 Empirical Methods in Economics
EDUC 400 Curriculum and Instruction for Specific Discipline (03-Mathematics)
ENVR 151 Humans and the Environment
GEOG 221 Computer Skills in Geography
GEOG 222 Geographical Analysis
GEOG 321 Geographic Information Systems
GEOG 421 Advanced Geographic Information Systems
HLTH440 Health Education: PK-12 Curriculum, Assessment and Administration
HLTH 464 Critical Issues in Health Education
JOUR 210 Design Concepts of Communication
JOUR 350 Public Relations Writing
JOUR 410 Advanced Reporting
MATH 113 Calculus I
MATH 114 Calculus II
MATH 200 Multi-Variable Calculus
MATH 210 Linear Algebra and Differential Equations
MATH 303 Statistics for the Applied Sciences
MATH 313 Probability
MUSC 150 MIDI Studio
MUSC 180 Multi-track Recording
MUSC 220 Digital Recording and Sampling
MUSC 240 Music/Audio Post Production
MUSC 303 Music Notation on Computer
PHYS 105 Musical Acoustics
PHYS 111 Introduction to Classical Physics I
PHYS 112 Introduction to Classical Physics II
PHYS 225 Introduction to Modern Physics I
PHYS 226 Introduction to Modern Physics II
PHYS 399 Advanced Physics Laboratory I
PHYS 400 Advanced Physics Laboratory II
POL 205 Introduction to the American Public Policy Process
QMCS 110 Introduction to Information Processing
QMCS 120 Computers in Elementary Education and LOGO
QMCS 130 Problem Solving in the Natural Sciences
QMCS 215 Spreadsheet and Database Software
QMCS 220 Statistics I
QMCS 237 Software Design using Scientific Programming Languages
QMCS 238 Software Design using Business Programming Languages
QMCS 240 Fundamentals of Computer Science
QMCS 280 Object-oriented Design and Programming
QMCS 342 Computers in Experimental Sciences
QMCS 410 Operations Research I
SOC220 Sociological Analysis
SOWK 380 Social Research: Design and Statistical Applications

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Health and Fitness

(0 credit)

The course in health and fitness provides students with the knowledge, skills, attitudes, and techniques necessary to become a physically-educated person: persons who are able to design and maintain a lifestyle of fitness and wellness. As students complete this competency curriculum, they should develop a knowledge and understanding of the role of physical activity in their lives, and how it contributes to lifelong health and wellness; and they should have a better understanding of the extent to which physical activity contributes to all dimensions of an individual's life. Students who cannot demonstrate proficiency in swimming 50 yards must take beginning swimming as one of their activities.

It is strongly recommended that this requirement be completed by the end of the freshman year, or at least by the end of the third semester. If this requirement is not completed by mid-term of the fourth semester, the student will lose priority for further registration.

Veterans are excused from this requirement.

Students enroll in the following core course:

PHED 100 Foundations for Fitness

Major Requirements

Regular Majors

After a student has completed 48 semester credits, the student fills out a major field card and applies to be accepted as a major in his or her chosen field.

A student must complete one of the regular major concentrations described in the section on Departments and Curricula with a grade point average of 2.00 or better in courses taken in the department of the major (or Division of Business) required for the major. (See section on Academic Programs for a list of these majors.)

A major consists of 28 to 44 credits in the area of concentration plus allied courses as specified by the department (or Division of Business) in which the major is offered. No more than 48 semester credits in the department of the major field may be counted toward the 132 credits required for a degree. In other words, at least 84 credits must be presented that are not in the department (Division of Business) of the major.

Students with transfer courses in the major must also attain a 2.00 grade point average for the courses taken in the department of the major (or Division of Business) at St. Thomas. (See section on Requirements for a Degree).

If major field requirements or courses specified in the catalog are no longer available, the chair of the appropriate department

will designate acceptable substitutes for the major program.

The department has the right to specify how many courses in the major field (and at what level) must be taken at St. Thomas. Students may earn more than one major.

Individualized Majors

It is possible for a student to pursue a major other than one of the regular majors described in the section on Departments and Curricula. A student who plans to pursue a special major must contact the Office of the Associate Academic Dean no later than the end of the sophomore year.

An individualized major requires the selection of a faculty adviser, a proposal explaining the rationale for the selection of courses (which should include lower- and upper-division courses), a number of credits in accordance with the guidelines for a regular major, and approval by the Committee on Studies.

Majors at other ACTC Institutions

A student wishing to complete a major offered at one of the ACTC schools (and not offered at St. Thomas), must file a petition with the Committee on Studies for approval. In the petition, the student should indicate his/her acceptance for the major by the chair of the department at the other institution, the list of courses that will need to be completed at that institution, and the name of a St. Thomas faculty member in a closely-related field who will act as an adviser. Core curriculum requirements for St. Thomas and any pre-requisites for courses in the major program offered at St. Thomas will be taken on the home campus.

Minor Requirements

Regular Minors

A student is not required to complete a minor. A minor consists of 16 to 28 credits in the area of concentration including all pre-requisites and allied courses as determined by the department or program offering the minor.

A minimum grade point average of 2.00 is required for the courses in the minor. Transfer students must also attain a minimum grade point average of 2.00 for minor courses taken at St. Thomas.

The department has the right to specify how many courses in the minor field (and at what level) must be taken at St. Thomas.

Individualized Minors

Students wishing to declare an individualized minor should contact the Office of the Associate Academic Dean. A faculty adviser should be chosen for the minor. In-

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dividualized minors must be approved by the Committee on Studies.

Students may earn more than one minor.

Residency Requirement

Thirty-two of the last 36 credits that a student takes for the degree must be taken through the University of St. Thomas. (Credits earned at ACTC colleges and through Study Abroad programs sponsored by St. Thomas are considered exchange credits and count toward the residency requirement.)

A student who has been graduated from the University of St. Thomas may add an additional major by fulfilling all the remaining requirements of the major. The 32-credit senior residency requirement need not be met a second time. No more than one additional transfer course may be used to meet major and allied requirements.

A student who has been graduated from the University of St. Thomas may add a minor by fulfilling all the remaining requirements of the minor. The 32-credit senior residency requirement need not be met a second time. No more than one additional transfer course may be used to meet minor and allied requirements.

The Undergraduate Program

All matters pertaining to the undergraduate curriculum are under the jurisdiction of the College faculty. Administration of the undergraduate programs is under the jurisdiction of the Dean of the College.

Courses

A course is equivalent to four semester credits. If a particular course carries more than four or fewer than four credits, it is so noted in the description.

Each course is assigned a subject area code consisting of three or four letters, which designates the department or discipline, followed by a three-digit number. For example, ENGL 111 is the English course numbered 111.

Courses with numbers having either 1 or 2 as the first digit are called *lower division courses*, and those having 3 or 4 as the first digit are called *upper division courses*.

Lower division courses are designed to give students a broad general liberal arts education, preparing them for the more specialized education offered at the upper division level.

When students become juniors, they generally pursue upper division courses. Upper division courses are designed to acquaint students with the content and methodology of a particular field.

The number of class meetings for a course varies with the nature of the course. The annual *Class Schedule* indicates the days and times each class meets.

Course Load

The normal course load is 16 credits. During the first semester at the university, a freshman is limited to 17 credits plus a physical education activity course. Students may take no more than 21 credits without special permission from the academic dean.

Freshmen may not register for courses numbered 300 or above without permission from the department chair (except for foreign language courses when they have already completed a fourth semester of the language or its equivalent).

Students on academic probation may not register for more than 16 credits.

January Term and Summer Session

Courses

Courses offered at the university during January term and summer sessions carry credit as indicated in the January term and summer session course schedules.

Final Examinations

Each of the semesters ends with a final examination period. A two-hour session is scheduled for the final examination in each course in regular semesters.

Final examinations are not administered