

Requirements for a Degree

To receive a bachelor's degree, a student must successfully complete a minimum of 132 credits and 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 in the core curriculum and in 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.

Senior residency requires that a graduate have completed thirty-two of the final thirty-six credits at St. Thomas, at one of the other four ACTC colleges, or through an affiliated program.

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:
Fiction and Nonfiction Prose

ENGL 112 Critical Reading and Writing II:
Drama and Poetry

b) students with qualifying ACT scores enroll in

ENGL 190 Critical Reading and Writing:
Major Genres

plus

one additional core-area course numbered above 200 with the exception of ENGL 251, 252, 253, 300, 305, 321, 322, 401, 480, 481.

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 History of 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.

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Thus, they complement the courses students take in theology and in other areas.

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 103 Nature and Society
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 220 Statistics I

or

a second natural science course from the first group

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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.

Students may choose one of the following core-area courses:

ARTH 151	Introduction to Art History I
ARTH 152	Introduction to Art History II
ARTH 159	Principles of Art History (2 credits)
ARTH 280	Sacred Architecture and Space
ARTH 285	Arts of Africa and the African Diaspora
ARTH 286	Women's Art in Cross-Cultural Perspective
ARTH 289	Asian Art
ARTH 291	Topics in Non-Western Art
ARTH 297	Topics

ARTH 300	Ancient Near East and Egypt
ARTH 305	Greek Art and Archaeology
ARTH 310	Roman Art and Archaeology
ARTH 320	Art and Culture of Colonial Mexico
ARTH 330	Churches and Mosques in the First Millennium
ARTH 335	Cathedrals, Monasteries, and Caliphates
ARTH 340	Southern Renaissance Art and Society
ARTH 345	Baroque and Rococo Art
ARTH 347	Golden Age of Spain
ARTH 350	19th Century: Neoclassicism to Symbolism
ARTH 355	20th Century: Cubism to Installation
ARTH 391	Native American Art
ARTH 392	American Art
MUSC 115	Understanding Music & Culture
MUSC 118	Understanding Music & Culture to 1850 (2 credits)
MUSC 119	Understanding Music & Culture 1850 to Present (2 credits)
MUSC 120	Orchestral Literature
MUSC 130	Introduction to World Music
MUSC 216	Jazz in America
MUSC 217	Music of the Americas
MUSC 218	Black American Music: An Historical Survey
MUSC 219	Music in the United States
MUSC 222	Theology of American Popular Music
MUSC 412	History & Literature of Music II
THR 111	Introduction to the Theater
THR 221	History of Theater I: Classical through 17th Century
THR 222	History of Theater II: 18th Century to Contemporary
THR 223	History of Theater III: American
THR 259	Film I: Introduction to Narrative and Non-Narrative World Cinema
THR 260	History of Film: The Silent Era
THR 261	History of Film: Sound Era, 1926 to Present Day
THR 297	Topics
THR 359	Film II: Film Theory and Criticism
THR 412	Drama: Theory and Criticism

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

MUSN 140	Women's Choir
MUSN 142	Chamber Singers
MUSN 143	Liturgical Choir
MUSN 160	Concert Choir
MUSN 185	Symphonic Band
MUSN 186	Symphonic Wind Ensemble

(a combination of four semesters in 142 and 160 or 185 and 186 will fulfill the requirement)

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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.

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 are:

ACST 200 Introduction to American Cultural Studies

ARTH 151 Introduction to Art History I
ARTH 152 Introduction to Art History II
ARTH 285 Arts of Africa and the African Diaspora
ARTH 286 Women's Art in Cross-Cultural Perspective
ARTH 289 Asian Art
ARTH 291 Topics in Non-Western Art
ARTH 320 Art and Architecture of Colonial Mexico
ARTH 391 Native American Art
BLAW 352 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 218 Literature by Women: Critical History
ENGL 341 Literature by Women: Critical Questions
ENGL 395 Issues in 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 340 Foundations of Chinese Civilization
HIST 341 The History of Modern China
HIST 345 Family and Women in Chinese History
HIST 347 The Modernization of Taiwan, Hong Kong, and China
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
MUSC 218 Black American Music: An Historical Survey
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
SABD *See the Office of International Studies for courses that have been approved*
SOC 110 Social Problems
SOC 251 Race and Ethnicity

SOC 255	Gender in American Society
SOC 301	General Anthropology
SOWK 340	Human Behavior and the Social Environment
THEO 305	Theologies of Justice and Peace
THEO 326	The Church in Latin America
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
UMAIE	<i>See the Office of International Studies for courses that have been approved</i>
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;
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 "first-year" competencies by the beginning of the third semester:

- 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, specific regular St. Thomas courses, 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 a "second-level" competency 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 will satisfy the second-level Computer Competency.

BIOL 210	Introduction to Laboratory Research
BIOL 315	Biology of Plants
BIOL 333	Ecology
BIOL 354	Neurobiology
BIOL 415	Plant Physiology and Adaptation to Stress
CHEM 300	Quantitative Analysis
CHEM 331	Chemical Thermodynamics and Reaction Dynamics
CHEM 332	Quantum Chemistry and Molecular Spectroscopy
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
ENGL 380	Issues in English Studies
ENGL 480	Literary Magazine Practicum
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
HLTH 440	Health Education: 5-12 Curriculum, Assessment and Administration
HLTH 464	Critical Issues in Health Education
JOUR 220	Design Concepts of Communication
JOUR 225	Writing and Designing for the Web
JOUR 350	Public Relations Writing
JOUR 410	Advanced Reporting
MATH 108	Calculus with Review I
MATH 109	Calculus with Review II
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 (2 credits)
MUSC 180	Multi-track Recording (2 credits)
MUSC 220	Digital Recording and Sampling (2 credits)
MUSC 240	Music/Audio Post Production (2 credits)
MUSC 303	Music Notation on Computer (2 credits)

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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 215	Rapid Application Development
QMCS 220	Statistics I
QMCS 230	Software Design Using the JAVA Language
QMCS 238	Software Design using Business Programming Languages
QMCS 281	Object-oriented Design and Programming
QMCS 300	Computer Organization
QMCS 342	Computer Applications in Experimental Sciences
QMCS 410	Operations Research I
SOC 220	Sociological Analysis
SOWK 380	Social Research: Designs and Statistical Applications

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.

Students enroll in the following core course:
PHED 100 Foundations for Fitness

Major Requirements

Regular Majors

After a student has completed 48 semester credits, a student must apply to be admitted to a major in his or her chosen field. Admission to a major field is necessary to allow the student the opportunity to

continue registering with his/her class.

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 in a Bachelor of Arts degree program 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 (or Division of Business) may be counted toward the 132 credits required for a degree.

A major in a Bachelor of Science degree program (or an Engineering program) may require more than 48 semester credits in the field of the major.

At least 84 credits must be presented that are not in the department (Division of Business) of the major for all baccalaureate degrees.

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.

Procedures for applying to a major are available from the Office of the University Registrar.

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 prerequisites for courses in the major program offered at St. Thomas will be taken on the home campus.

Individualized Majors

A student may 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 Associate Academic Dean no later than the end of the sophomore year.

An individualized major requires the selec-

tion 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.

Minor Requirements

Regular Minors

A student is not required to complete a minor. A minor consists of 20 to 26 credits in the area of concentration including all prerequisites 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.

A student may earn more than one minor.

Minors at other ACTC Institutions

A student wishing to complete a minor 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 minor by the chair of the department at the other institution, and the list of courses that need to be completed.

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. Individualized minors must be approved by the Committee on Studies.

Senior 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 affiliated programs are considered exchange credits and count toward the residency requirement.

Addition of major, minor, or degree after graduation

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.

A student who has been graduated from the University of St. Thomas may add a second degree (such as a B.S. added to the original B.A.) by fulfilling all the remaining requirements of the degree. The 32-credit senior residency requirement need not be met a second time. The second degree may not be in the same discipline as the original degree.