

Curriculum

For purposes of reference, courses are listed alphabetically by department. Each department description contains examples of objectives the department seeks to achieve through its educational program, a statement of the requirements of a major and a minor in that department, and a list and description of the courses offered.

Courses numbered 200 and above are upper division. Courses numbered 100 to 199 are lower division.

The letters prefixed to the numbers are an abbreviation for the department in which the course is offered.

Independent Study (IS)

Independent study courses, which are specially designed by the student and the instructor, are listed under the course numbers 440-445 and are subject to the following regulations:

1. Independent study courses are ordinarily limited to juniors and seniors.
2. Not more than 2 courses may be taken independently in the major.
3. Not more than 4 independent study courses may be taken during the four years of college and not more than 2 independent studies in any one term.
4. Independent study credit is not given for a paid job.
5. The application form, which can be obtained from the Provost's Office, must fully describe the rationale and objectives of the course, the content and sources from which the content is to be obtained, methods and activities to be used, evaluation procedure, and any pertinent deadlines to be met by the student. The form is to be completed by the student in conference with the instructor who has agreed to direct the study.
6. A screening committee must give approval for the course. The committee consists of the instructor supervising the course, the chairperson of the department in which the course is being offered, and the academic advisor. The application also must bear the signature of the Provost. At the option of the department, the screening committee meets to discuss the course with the student, or the student personally takes the form to be signed to each member of the committee and answers any questions that a member may have about the course.
7. The application form with all the necessary signatures must be submitted to the Registrar's office in order for the registration to be completed.
8. Faculty members are not required to direct an independent study.

Directed Study (DS)

A Directed Study course is an individualized delivery of an existing course found in the *Catalog* and is only offered in exceptional circumstances. Course outcomes and objectives for the DS course are the same as if the course was being taken in the normal, classroom delivery mode. Contact the Registrar's office for the approval form prior to registering for the class.

Internships

An Internship offers the student an opportunity to gain valuable experience by applying skills and concepts learned in the classroom

to real, work-based problems. Other benefits include the ability to explore a career area, in-depth; and an opportunity to begin building a professional network. Most majors offer a course for which the student can register to earn credit for participation in an internship. Contact your academic advisor or the Career Services office to learn more about locating and applying for internships.

Upon receiving an offer to participate in an internship and securing faculty approval, the student should:

1. Meet with academic advisor to complete the Internship Registration and Release of Liability form for the appropriate course.
2. Submit the Internship Registration form to the Provost's office for approval.
3. Upon approval by the Provost, the Internship Registration form will be sent to the Registrar's office for processing.
4. Schedule an appointment with the Director of Career Services for an internship orientation.

Degrees and Majors

Mount Mercy offers the Bachelor of Arts, the Bachelor of Science, the Bachelor of Science in Nursing, the Bachelor of Business Administration, the Bachelor of Applied Science, and the Bachelor of Applied Arts degrees.

The **Bachelor of Arts (BA)** degree is the primary degree offered at a liberal arts university. It is awarded to graduates who major in:

Applied Philosophy
 Art
 Art – Education (Teacher Education Program)
 Communication
 Criminal Justice
 English
 English – Language Arts (Teacher Education Program)
 Graphic Design
 History
 International Studies
 Journalism
 Music
 Music – Education (Teacher Education Program)
 Outdoor Conservation
 Political Science
 Public Relations
 Religious Studies
 Secondary Education**
 Social Work
 Sociology
 Social Science – Sociology (Teacher Education Program)

The **Bachelor of Science (BS)** degree is typically for those majors/students who would enter a profession in that discipline upon graduation, or for those majors that are in the sciences and/or have a significant amount of quantitative or technical content. It is awarded to graduates who major in:

Actuarial Science
 Applied Management***
 Biology
 Biology – Education (Teacher Education Program)
 Chemistry
 Computer Science

Early Childhood Education
 Elementary Education
 Healthcare Administration
 Healthcare Leadership***
 Management Information Systems (Accelerated Only)
 Mathematics
 Mathematics – Education (Teacher Education Program)
 Medical Laboratory Science
 Outdoor Conservation
 Psychology
 Science Marketing
 Social Science – Psychology (Teacher Education Program)
 Social Science - Education (Teacher Education Program)

The **Bachelor of Business Administration (BBA)** degree is for those majors which fulfill the business core. It is awarded to graduates who major in:

Accounting
 Business (Accelerated Only)
 Business – Education (Teacher Education Program)
 Finance
 Human Resource Management
 Management
 Management Information Systems
 Marketing
 Secondary Education**

The **Bachelor of Science in Nursing (BSN)** degree is for nursing majors.

The **Bachelor of Applied Science (BAS)/Bachelor of Applied Arts (BAA)** degree program is designed specifically for persons with technical training who wish to broaden their specialized background to include a liberal arts education. The BAS or BAA degree is conferred when the student is using more than 16 hours of post-secondary technical credit and applies to any major in the catalog.

** Majors in Secondary Education must major in an Original Endorsement, which determines the type of degree. Please see the Education section for further details.

***Majors are only offered as a BAS or BAA.

Minors

- Accounting
- Art
- Biology
- Business Administration
- Chemistry
- Communication: Media
- Communication: Verbal
- Computer Science
- Creative Writing
- Criminal Justice
- Early Childhood
- Economics
- English
- English as a Second Language
- Environmental Justice

- Film Studies
- Finance
- History
- Human Resource Management
- International Studies
- Journalism
- Management Information Systems (Accelerated Only)
- Mathematics
- Music
- Philosophy
- Political Science
- Pre-Law
- Psychology
- Public Relations
- Religious Studies
- Social Science
- Sociology
- Spanish
- Special Education
- Writing

Original Endorsements

The following Original Endorsements, coupled with the secondary education major, may be completed as majors at Mount Mercy: Art-Education, Biology-Education, Business-Education, English-Language Arts, History, Mathematics-Education, Music-Education, Social Science-American Government, Social Science-American History, Social Science-Education, Social Science-Psychology, Social Science-Sociology, and Social Science-World History.

Departments

Mount Mercy is organized into eight departments:

- Department of Business
- Department of Communications, Literature and Arts
- Department of Education
- Department of History, Politics, and Justice
- Department of Natural and Applied Sciences
- Department of Nursing
- Department of Philosophy and Religion
- Department of Psychology, Sociology, and Social Work

Graduation Requirements

Students need to submit the Application for Graduation to the Registrar's office to be considered a candidate for graduation. The Application for Graduation should be submitted at the time the student registers for the final two semesters of study. The Application for Graduation is available on the Mount Mercy web site. Requirements include:

1. A minimum of 123 semester hours credit earned toward the degree.
2. A minimum cumulative grade point average of 2.00.
3. A minimum cumulative GPA of 2.00 for all credits earned at Mount Mercy.

4. Completion of the core curriculum requirements.
5. Completion of a major program of study.
6. At least 12 semester hours, above course number of 200, in the major must be completed at Mount Mercy.
7. A minimum of 30 semester hours completed at Mount Mercy.
8. Minimum of 30 consecutive semester hours completed at Mount Mercy immediately preceding graduation.
9. If graduating with a minor, nine (9) semester hours of the minor must be taken at Mount Mercy.

Major-minor programs. The major typically includes 30 or more semester hours, as indicated in individual requirements by field. The minor requires fewer semester hours. **The student is, in every case, responsible to see that he or she properly applies for graduation and meets the graduation requirements.**

Interdisciplinary Major

An Interdisciplinary Major is an individualized educational plan that a student and two faculty advisors, selected from significantly different majors, design to include coursework comparable to a single discipline major. The design must include the stated purpose and objectives of the major as well as a list of courses that assure that the objectives are met. The proposed major must include senior performance criteria and a method for how those performance criteria will be met by the student.

Students have the option of naming the interdisciplinary major. For example, a student might combine chemistry and political science for an interdisciplinary major and call it "Interdisciplinary major – chemistry/political science."

Students should begin planning their interdisciplinary major as soon as they have completed 60 semester hours and shall have completed the first step in the process by the time they have completed 75 semester hours. The plan should be completed and approved by departments involved in the interdisciplinary studies at this stage. The plan and title are then submitted to the Educational Policies Committee for approval and must carry the recommendation of the involved departments. Candidates must have their interdisciplinary major approved by the time they have earned 90 semester hours.

Candidates for the interdisciplinary major must have a minimum cumulative grade point average of 3.00 and a minimum Mount Mercy grade point average of 3.00 at the time they apply for the major. The interdisciplinary major must include a minimum of 30 semester hours, 21 semester hours of which must be upper division courses (200 level or above) taken at Mount Mercy, and all courses in the major must be passed with grades no lower than C (C- does not count). Only one core curriculum course can be included in the major.

The interdisciplinary major is not to be confused with the prestructured interdisciplinary majors of International Studies and Applied Philosophy.

Pre-Professional Curricula

The pre-professional curricula at Mount Mercy allow students to prepare for degrees not offered at Mount Mercy. Depending on the professional program, students can spend one to four years at Mount Mercy completing pre-professional requirements.

Students should be able to transfer from pre-professional study at Mount Mercy to professional study at Mount Mercy or another

institution with no loss of credit. However, students should find out the specific professional curriculum requirements before they undertake a pre-professional course of study. In consultation with the departmental advisor, students should then plan a course of study that meets requirements of the professional program. The departmental information in the next section of this *Catalog* contains planned pre-professional curricula.

Reflection and Action: The Core Curriculum

The Core Curriculum is the foundational piece of a Mount Mercy education. Regardless of one's major, every student at Mount Mercy can be assured of a broad course of study in the traditional liberal arts. The courses in the Core are designed to foster inquiry, critical thinking, personal reflection, and a spirit of service and citizenship. The Core emphasizes freedom of choice as each student creates an individualized plan to complete the core requirements according to his or her needs and interests. The Core Curriculum has four components:

- An introductory Portal Course
- A comprehensive survey of the seven Domains of Liberal Study
- A culminating Capstone experience
- Multiple ways to achieve Competency in writing, math, and oral communication

The Mount Mercy Portal

The portal course has two main objectives: to introduce students to the fields of liberal studies, priming them to make informed choices about their future core courses; and to foster a sense of community and service in the class, at Mount Mercy, and in the greater Cedar Rapids area. Students will examine questions from the Mercy Critical Concerns: earth, immigration, non-violence, poverty, racism, and women.

Through an interdisciplinary approach, students will gain experience examining problems from multiple perspectives. The interdisciplinary nature of the course fosters teamwork and leadership in the students. As they encounter questions from various liberal disciplines, students will be asked to reflect, then take action, as they articulate for themselves what it means to be a citizen in their various communities. During the portal course, students will outline an integrated plan for completing their course of liberal studies, as chosen from the Domains.

Transfer students who have an AA degree from an Iowa Community college, earned 60 hours or more transferable college credits, or have used transfer courses to fulfill 7 of the 10 domain requirements, are exempt from the portal course. Portal courses include:

ME 100	Sharing The Earth With Animals
ME 105	Rogues, Rebels, And Accidental Discoveries: The Crooked Path to Creativity
ME 110	Ethnic Iowans: Diversity Issues in the New Millennium
ME 115	Cities, Sewers And Shots: Health Protection
ME 120	Immigrants and Literacy: In Pursuit of the American Dream
ME 125	Avatars Of Good and Evil: Media Stereotypes vs. Reality
ME 130	Why A Mercy Education?

ME 135	Poor Women, Poor Family, Poor Work
ME 140	Screen Icons: A Cultural & Aesthetic Study
ME 145	The Religious Roots of Political Involvement
ME 150	Talking in "She" and "He": Gender Communication in College and Beyond
ME 155	Water - A Shared Responsibility
ME 160	Law Ungendered: History of the Legal Status of U.S. Women
ME 165	Terrorism, Violence and Conflict Resolution
ME 170	Perspectives on Recent Immigration to the United States
ME 175	Selfie Living in a Digital Age
ME 180	Environmental Responsibility

Note: Portal course waived for RN-BSN students.

Competencies

In addition to completing a Portal Course, a Capstone course and all of the Domains of Liberal Studies, students are required to demonstrate core competencies. These may be demonstrated by taking and earning at least a C- in particular courses, or a student may demonstrate competencies through previous experience and coursework. Students who think that they may be able to demonstrate a competency need to arrange assessment well in advance of beginning their Mount Mercy coursework. The competencies should be completed within a student's first two years of college. If a student demonstrates competency and one of the course requirements listed below is therefore waived, that does not grant the student the credit hours listed. Students transferring to Mount Mercy with an AA degree from an Iowa Community College are considered to have met the competency requirements in writing, math and speech.

The competencies are:

1. Writing Competency: Met by successful completion of four hours of college-level English Composition:

EN 101	Writing And History
EN 106	Writing And The Environment
EN 107	Writing And Popular Culture
EN 108	Writing and Issues of Health & Mortality
EN 111	Writing And Film
EN 112	Writing And Gender Studies
EN 114	Writing And Social Issues
EN 115	Writing And Other Cultures
EN 116	Writing And Life Stories
EN 117	Writing And Sports
EN 118	Writing And Place

Note: The writing course is a prerequisite to the literature courses.

2. Oral Communication competency: Met by successful completion of CO 101 Oral Communication.

3. Mathematics competency: Met by successful completion of the three-hour college-level math course including:

MA 120	Mathematics In Arts And Humanities
MA 125	Fundamentals Of Arithmetic & Logic

MA 130	Finite Mathematics
MA 132	Basic Mathematical Modeling
MA 135	Basic Statistics
MA 139	Pre-Calculus
MA 142	Mathematics Modeling
MA 164	Calculus I

4. Technology Competency: Met according to criteria set within the curriculum of each major.

The Mount Mercy Domains of Liberal Studies

The Mount Mercy Domains of Liberal Studies give all students in all majors a sense of breadth and connection among traditional liberal arts disciplines. These courses are grouped according to the overall concepts covered by courses in that domain: Expressive Arts, Global Awareness, Historical Roots, Holistic Health, The Natural World, Self and Society and Ultimate Questions.

Domain Requirements

Domain I: Expressive Arts – Great works of art, music, drama, and literature engage us emotionally and cognitively as they interrogate the ways we perceive and understand ourselves and the world around us. Studying literature and the fine arts strengthens habits of mind – observation, the ability to entertain multiple perspectives and discern significant patterns; envisioning, the ability to imagine and think innovatively; reflection, the ability to evaluate one's own perceptions; expression, the ability to communicate what is meaningful in the pursuit of purposeful living; and aesthetic judgment, the ability to appreciate the context in which fine art is created – that find application in every discipline of study.

Two courses, one from literature, one from fine arts. The courses included in this domain:

Literature courses:

EN 133	Topics In American Multiculture Literature
EN 154	Major World Writers
EN 170	Introduction To Literature
EN 175	American Drama
EN 176	American Literature Survey: Colonial to 1914
EN 178	Major American Writers
EN 180	Literature and Gender
EN 190	British Literature and Culture ¹
EN 195	Irish Literature & Culture ¹
EN/FS 150	Introduction to Film Adaptation

Fine arts courses:

AR 101	Introduction To Art
FS 101	Introduction To Film Studies
GS 151	Introduction to Dramatic Art
MU 189	Introduction To Music

Domain II: Historical Roots – The courses in this domain will enable students to gain a deeper understanding of the human condition and the relationship between historical developments and contemporary social and political trends. The curriculum provides opportunities for students to investigate the social, economic, political, and cultural

development of diverse peoples from the beginnings of civilization to the present. Emphasis is placed on reading, writing, researching, speaking, and on critical and analytical thinking. The courses included in this domain include:

HI 114	History of Early America
HI 115	History Of Modern America
HI 120	Origins Of The Western Tradition
HI 130	Emergence Of The West, 800-1648
HI 140	History Of Western World Since 1648

Domain III: The Natural World – Courses in this domain will give students a basic understanding of the natural world and how it functions. Students will learn to employ the scientific method as they engage with specific fields of inquiry, such as the central processes of biological systems, the energetics and chemical reactions underlying all processes in living and non-living systems, the global role of geologic, hydrologic and atmospheric systems in supporting life on earth, and the impact of human activity on the environment. Students are required to take a course and an accompanying lab, but transfer students who have earned at least six hours of approved science credits do not have to meet the lab requirement. The courses included in this domain:

BI 110	Natural World Domain Laboratory *
BI 123	Biology Of Human Concern
BI 125	Foundations of Biology & Scientific Inquiry I
BI 125L	Biostatistics and Scientific Investigation I
BI 150	Basic Microbiology ²
CH 111	General Chemistry I
PH 114	Natural Science-Physical
PH 115	Introduction To Earth Science

Domain IV: Ultimate Questions – This domain introduces students to the study of the ultimate questions of human experience. It invites consideration of possible answers to those questions through philosophical or religious reflection about the existence of God, the meaning of human life, ethical responsibility, the common good, and social justice. These courses provide significant encounters in key places with the Catholic intellectual tradition in philosophy and religious studies, including sources, fundamental questions, and developmental stages. As liberal arts courses, they also engage students in critical analysis of ideas and symbols, and foster a variety of skills including critical thinking, finding key concepts in the midst of complex information, evaluating ideas, and communicating effectively.

Two courses, one from Philosophy, one from Religious Studies. The courses included in this domain:

Philosophy courses:

PL 251	Introduction to Western Philosophy
PL 261	Introduction to Philosophy of the Human Person
PL 269	Introduction to Ethics

Religious Studies courses:

RS 111	Introduction To The Bible: Old Testament
RS 113	Introduction To The Bible: New Testament
RS 114	Introduction to Christianity
RS 115	Introduction To World Religions

RS 118	Christians Divided:Conservative Versus Liberal Battles
RS 119	Christian Action:Moral Responsibility, Charitable Service, Social Justice

Domain V: Self and Society – This domain is designed to expose students to the study of society and the manner in which people behave and impact the world around us. It introduces students to the concepts and methods of social science, the scientific inquiry into human behavior and social, political and economic problems within institutions. Students will appreciate the interconnectedness and complexity of human interaction as represented in the various social science disciplines. The courses included in this domain:

Two of the following courses from different disciplines:

CJ 101	Introduction To Criminal Justice
EC 251	Macroeconomics Principles
PO 111	Introduction To American Politics
PS 101	Introductory Psychology
SO 122	Introduction To Sociology
SO 155	Social Problems
SW 265	Diversity in America

Domain VI: Global Awareness– Courses in the Global Awareness Domain address the basic question of what it means to live in a globalized world. Courses in this Domain address at least one of three areas: multicultural sensitivity as individuals come in contact with cultures that are different from their own; the interconnectedness of global political and economic policies; and an understanding of ecological and resource issues that transcends national borders.

AR 295	Survey Of Mexican Culture Today
BI 210	Biology And Human Culture
CO 260	Intercultural Communication
EN 190	British Literature and Culture ¹
EN 195	Irish Literature & Culture ¹
GS 260	European Union: Culture, Politics & Economics
HI 213	Recent China In Global Economy
HI 230	Modern East Asia
HI 265	Latin American History
PL 270	Introduction to Asian Thought
PO 102	Government and Politics Around the World
PO 103	Introduction to International Relations
PO 112	Globalization and Human Survival
SL 165	Service Learning Abroad
SO 183	Introduction to Cultural Anthropology
SO 235	Social Inequalities
SO 330	Global Race Relations
SP 200	Intermediate Spanish I

Domain VII: Holistic Health – Courses in this domain explore health-related theories and research and address various aspects of the six dimensions of wellness including physical, emotional, social, environmental, intellectual, and spiritual. Courses aim to increase students' knowledge within the dimensions of wellness to enable them to enhance health-related aspects of their own lives and perhaps the lives of others. The courses included in this domain:

BA 240	Personal Financial Planning
ED 164	Health Awareness and PE Methods
GS 115	Women's Health
GS 119	Healthy Lifestyle
GS 120	Complementary Therapy & Wellness
GS 157	American Food
GS 171	Meditation And Its Benefits
GS 179	Psychology Of Eating
GS 195	Men's Health
PS 205	Psychology Of Adjustment
SW 250	Human Sexuality

The Mount Mercy Capstone

The 400-level Mercy Experience Capstone course (ME 450 Mercy Experience Capstone) is intended as a culminating experience in the liberal studies. Students need to register for this course along with the senior seminar (or another designated course) within their major, typically during the year in which they plan to graduate. During the Mercy Experience Capstone, students will integrate knowledge they have acquired from each of the core domains and will reflect on their Mercy education in the context of their major discipline. In addition, they will examine one of the Mercy critical concerns identified by the Sisters of Mercy from a disciplinary, interdisciplinary, and global perspective and will actively participate in a related capstone project.

¹ Course counts in only one area in the core requirements, it will not satisfy two core requirements.

² For nursing majors only.

* BI 110 Natural World Domain Laboratory is a 1 credit laboratory course that fulfills the requirement of the Natural World domain for transfer students who have taken a non-laboratory based non-major course before transferring into Mount Mercy.

Note: Students should consult accelerated and traditional course schedules to determine course availability and delivery format.

Transfer Credits

Developmental, remedial, vocational, test out, or experiential learning college credit is not transferable to Mount Mercy. A maximum of 63 semester hours (non-technical) from two-year, regionally-accredited, associate degree granting institutions will be accepted. (See exceptions for business department majors, early childhood majors, and outdoor conservation majors). There is no limit to the number of semester hours that will be accepted from a four-year, regionally-accredited institution. Credit earned at non-regionally accredited institutions may be accepted in transfer on a case by case basis.

Transfer courses meeting the requirements noted above and completed with a grade of D- or better will be accepted at Mount Mercy. Whether or not the D- grade counts toward the major is up to the individual department. (See department description.) Transfer course grades will be listed on the Mount Mercy transcript but will not count toward the cumulative grade point average.

Transfer courses marked with a double grade meeting the requirements noted above will have the higher grade transferred to

Mount Mercy. For example, if a grade of CD has been assigned, the higher grade, C, will be placed on the Mount Mercy transcript.

Transfer of Technical Credit

Transfer Credits Specific to BAA/BAS Degree

A maximum of 63 semester hours from regionally-accredited, postsecondary technical institutions will be transferred to Mount Mercy for students pursuing majors available under the Bachelor of Applied Arts or Bachelor of Applied Science degrees, unless otherwise designated for a specific major. A maximum of 16 semester hours from postsecondary technical courses will be transferred to Mount Mercy for students pursuing majors not available under the Bachelor of Applied Arts or Bachelor of Applied Science degrees.

* NOTE: Computer science courses taken seven or more years ago are subject to review by the department before awarding credit for a major or minor in computer science.

Iowa Community College AA Transfer Articulation

Students who transfer to Mount Mercy with an AA degree from an Iowa community college will have all Core Curriculum requirements waived except the Mercy Capstone and one course in the Ultimate Questions domain. These two requirements must be taken at Mount Mercy.

Business Department Transfer Articulation

Mount Mercy accepts a maximum of 75 semester hours from an Iowa community college for all transfers planning to pursue either a BBA degree, BAS degree, or BS degree with a major in the business area, provided that the student has completed an AA, AS/CO (Career Option) or AAS degree from an Iowa community college. This is an exception to the general policy of accepting a maximum of 63 semester hours from any community college. The courses comprising the 75 credits will count toward the total 123 semester hours required for graduation with the BBA, BAS, or BS. Iowa community college transfers into Mount Mercy's BBA, BAS, or BS degree program will be required to meet all the graduation requirements of that degree.

Early Childhood Education Major Transfer Articulation

Mount Mercy accepts a maximum of 75 semester hours from Kirkwood Community College for all transfers planning to pursue either a BS degree with a major in early childhood education. This is an exception to the general policy of accepting a maximum of 63 semester hours from any community college. The courses comprising the 75 credits will count toward the total 123 semester hours required for graduation with the BS. Kirkwood Community College transfers into Mount Mercy's BS degree program will be required to meet all the graduation requirements of that degree.

Healthcare Leadership Major Transfer Articulation

Mount Mercy accepts a maximum of 75 semester hours from an Iowa community college for all transfers planning to pursue a BAS degree in healthcare leadership, provided that the student has completed

an AAS degree in a healthcare related field from an Iowa community college. This is an exception to the general policy of accepting a maximum of 63 semester hours from any community college. The courses comprising the 75 credits will count toward the total 123 semester hours required for graduation with the BAS. Iowa community college transfers into Mount Mercy's BAS degree program will be required to meet all the graduation requirements of that degree.

Outdoor Conservation Major Transfer Articulation

Mount Mercy accepts a maximum of 75 semester hours from Kirkwood Community College for all transfers planning to pursue either a BAS degree or BS degree with a major in outdoor conservation, provided that the student has completed an AAS in Parks and Recreation from Kirkwood Community College. This is an exception to the general policy of accepting a maximum of 63 semester hours from any community college. The courses comprising the 75 credits will count toward the total 123 semester hours required for graduation with the BAS or BS. Kirkwood Community College transfers into Mount Mercy's BAS or BS degree program will be required to meet all the graduation requirements of that degree.